Spicers Retreats Hotels & Lodges Pty Ltd

Surface Water Investigations for Baseline Data Collection Plan at Amphitheatre and Woodcutters EcoCamps, Main Range National Park, Queensland, Australia.

Scenic Rim Trail – Thornton Trailhead to Spicers Canopy Nature Reserve, Queensland (EPBC 2016/7847)

5 September 2019

Moreton Environmental Pty Ltd

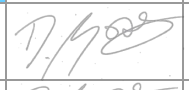
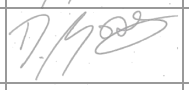
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Executive Summary

MEL was engaged by Spicers to provide baseline water quality data for all drainage channels outside of the boundaries of Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp likely to have connectivity with effluent disposal areas.

This data collection is designed to ensure monitoring will detect any downstream changes in surface water and ground water quality from impacts of the Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp.

The Woodcutters site is located mid-slope about 1.8 km west of The Ramparts and about 300 m southwest of Dalrymple Creek. The site is located at an approximate elevation of 890 mAHD (Australian Height Datum) midway between two basalt flows with upper surface elevations of approximately 880 and 905 mAHD respectively.

The current creek flows represent baseflow conditions, i.e. ground water is currently the predominant contribution to streams at this time, which clearly demonstrates regional aquifers are some 30 – 100 m below the sites, (See Conceptual Site Models CSM, **Figures 7 and 8 in Figures**).

Brodie and Green (Queensland, 2018b), clearly state that the basalts in Main Range National Park do not consist of a single homogeneous basalt flow or single aquifer, but rather many overlapping flows with a maximum thicknesses of 10m, stacked together and commonly separated by lower permeable layers including clay-rich weathered profiles with differing permeabilities and capacities to store or transmit ground water. At the edge of the massive basalt layers, the interfaces of highly permeable basalts and low permeable alluvial aquifers discharge to the surface as springs and may indeed feed streams. The aquifers in the upper Condamine basin generally consist of an upper unconfined weathered and fractured zone with a lower more limited extent semi-confined fractured zone with an average thicknesses of 38 m (Skelt KID and Hillier JR, 2004).

Since the sites are topographically 900 m above the Condamine Basin, with complex high and low permeable layers beneath the sites, the expected depth to any unconfined weathered and fractured zones would be 30 – 100 m below the sites, making it impractical to reach.

Surface water analyses of the Dalrymple Creeks systems, including the two tributaries Unnamed, and Blackfellows Creek shows consistently evidence the systems are ground water-fed with slightly acid fresh waters with Median values in the three systems of pH 6.6-7.3 and EC of 83-88 μS/cm, which corroborates Skelt and Hillier's(Skelt KID and Hillier JR, 2004) study.

All Surface water analysis in the Dalrymple Creeks systems show evidence of high nutrient values from either livestock in the park or runoff from high nutrient soils in the park.

Residual E.Coli is evidence of livestock impacting surface water bodies in the park.

MEL is satisfied that future monitoring of surface water locations will observe any influence of overland flow or ground water flow from the sites. The WQO can be used as criteria for future monitoring events, with the exception of nutrients, due to the high background levels exceeding the WQO for the area.

The following recommendations are made to increase the knowledge of water quality data on both sites; to facilitate the issuing of environmental authorities to treat sewage and wastewater on the sites; and to broaden the understanding of the baseline study.

MEL is recommending a before-after control-impact (BACI) study design is used to monitor surface water for impact of waste water disposal areas in the EcoCamps and the Creek Crossings with the following locations and rationale recommended to be monitored twice a year, once in the dry and once in the wet season.

The rationale for site selection can be seen in Table 4;

> *Field Parameters - Temperature, pH, Dissolved Oxygen (DO), Total Dissolved Solids (TDS), Oxidation Reduction Potential (ORP), Electrical Conductivity (EC) and Turbidity;*
>
> *Lab Analysis - E. coli (cfu / 100 mL); Biological Oxygen Demand (BOD) (mg/L; Ammonia (mg/L as N), Total Kjeldahl Nitrogen, Nitrate, Nitrite (mg/L as N); Total Phosphorus, Ortho Phosphate (mg/L); Major Anions (Cl, SO4, HCO3, F); Major Cations (Na, K, Ca, Mg); Sodium Adsorption Ratio; Total and dissolved metal concentrations (Al, Fe, Mn, As, Cd, Cr, Cu, Ni, Pb, Zn), Total Suspended Solids.*

as sufficient for the purposes of monitoring impact from wastewater disposal in waters.

The locations of SW01 – SW10 can be seen in Figure 11 in Figures and the GPS coordinates in Table 10.

We recommend the use of a NATA-accredited laboratory for analyses of all media and samples.

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1 Introduction

This is a technical report to support a submission of a Baseline Data Collection Plan (BDCP) to the Australian Government Department of Environment and Energy (DEE) by our client, Gainsdale Pty Ltd.

The BDCP is part of a submission for Conditions of Approval (CoA) which meets the Commonwealth Government's requirement to produce a 10-year BDCP and monitoring program that will:

- determine whether activities associated with the development and operation of the Scenic Rim Trail have an adverse impact on Matters of National Environmental Significance (MNES);
- provide thresholds that will trigger corrective actions by Spicers.

The BDCP has been developed to be consistent with the Department's Environmental Management Plan Guidelines by Dr. Craig Miller from CTM Consulting with inputs from Moreton Environmental Pty Ltd (MEL) and Biodiversity Assessment and Management Pty Ltd (BAAM).

1.1 Project Background

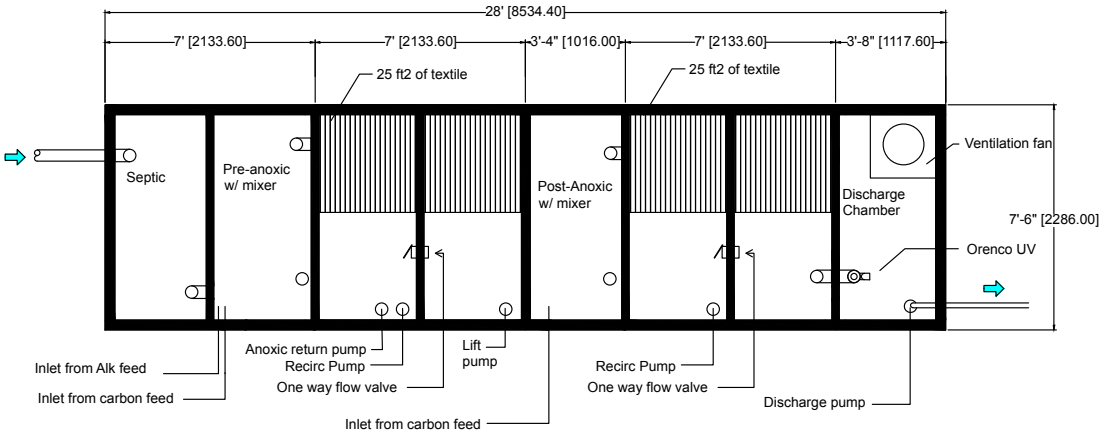
Spicers Retreats Hotels & Lodges Pty Ltd (Spicers) wishes to construct and operate a five to six-day bushwalk trail and four associated campsites from Mt Mistake to Spicers Peak Natural Refuge within and adjacent to the Main Range National Park, Queensland.

Spicers wishes to construct 2 main EcoCamps: Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp. The EcoCamps are situated in the Main Range National Park as shown in **Figure 1** in **Figures**.

MEL has been made aware that part of the construction of the EcoCamps Spicers involves installing waste water treatment plants at each site.

The waste water treatment plant is being provided by Advan Tex Systems and includes a waste water disposal area for each EcoCamp.

The Advan Tex Systems plant is described as a suspended media filter system, with recirculating packed-bed filters as shown in Schematic 1.



Schematic 1 : AdvanTex Waste Water Treatment System

The system estimated quality of influent, operation and effluent is shown in Table 1. The waste water areas will need to be of sufficient size and have adequate soil quality to support vegetation to remove the nutrients estimated for disposal.

Following the revised conditions, the BDCP was completed and MEL sent a proposal (PO18006) to complete the following actions to be taken in order to make clear inferences on baseline data and any future perceived impacts from the disposal of treated effluent on the environment.

The areas were identified at the EcoCamps and MEL monitored the inside and outside of those areas.

The Australian Government's Department of Environment and Energy (DEE) gave an approval for the development of the Scenic Rim Trail – Thornton Trailhead to Spicers Canopy Nature Reserve, Queensland (EPBC 2016/7847), with conditions. Moreton Environmental Pty Ltd (MEL) previously gave advice on revising those conditions with regards to monitoring the potential impact of wastewater disposal.

Wastewater Characteristic	Raw Influent	Primary Tank Effluent	Recirc/ Blend Effluent	Treated Effluent (Filtrate)
$cBOD_5$ (mg/L)	250-400	150	40-60	10
TSS (mg/L)	250-400	30	30	10
TKN (mg/L)	40-80	40-80	40-80	<2
NO_3 (mg/L)	0	0	2-8	20-30
FOG (mg/L)	50-150	10-20	10-20	<5
DO (mg/L)	0	0	2-6	2.5-6
Alkalinity (mg/L)	200-500	200-500	100-200	100-150
pH[1]	6.5-8.5	6.5-8.5	6.5-8.5	6.5-8.5

Table 1 : Advan Tex Systems estimated quality of influent, operation and effluent

MEL recommended annual monitoring occurring in soil, surface and ground water networks and assessment of changes over time**.**

Whilst it should be noted that at least 14 monitoring events in the water quality on-site need to occur before making statistically valid inferences about changes of concentration of parameters, some interpretation is provided before such time, during the course of a continued assessment of impact of disposal of waste water on the environment.

It should also be noted that, as part of the development process, there will be further negotiations with the Department of Environment and Science (DES) and the issuing of the Environmental Authority (EA), which may lead to changes of the proposed monitoring regime in this study.

Currently, MEL maintains the following monitoring regime is sufficient for the Environment Protection and Biodiversity Conservation Act 1999 (EPBC) assessment as outlined in the BDCP and is in accordance with the DES Monitoring and Sampling Manual, (Queensland, 2018a).

1.2 Objectives

The primary objective of this report is to support the BDCP and provide information to satisfy the conditions of the Federal Approval (EPBC, 2016/7847), including baseline water quality data assessment conditions for all drainage channels outside of the boundaries of Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp, likely to have connectivity with effluent disposal areas should be assessed.

This data collection should be designed to ensure monitoring will detect any downstream changes in surface water and ground water quality from impacts of the Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp.

The secondary objective of this study is to attempt to provide information, which may be useful in the application of the Environmental Authority (EA), associated with the Environmentally Relevant Activity (ERA) of waste water treatment (ERA63).

1.3 Legislation and Guidance for Recycled Water Use

The following legislation and guidance is pertinent to recycled of treated effluent waters.

- *Environmental Protection Act 1994* Qld;
- *Environmental Protection Regulation 2008* (Qld);
- *Environmental Protection (Water) Policy* 2009;
- *Environmental Protection (Water) Policy 2009*, reprinted 29 June 2012 Queensland Government;
- *Australian Drinking Water Guidelines 6, Version 3.1;*
- *Sustainable Planning Act 2009* (Qld);
- *Work Health and Safety Act 2011* (Qld);
- *Public Health Act 2005* and *Public Health Regulation* 2005*;*
- *Water Supply (Safety and Reliability Act)* 2008.
- *Drainage and Plumbing Act 2002* (Qld);
- DEHP, (2012), "*Technical guideline on Wastewater release to Queensland waters*",
- DEHP*, (2013), "Assessing applications for sewage treatment works*",
- DEHP, (2013), "Code of environmental compliance for certain aspects* of sewage treatment activities (ERA 63)",
- DEHP, (2013), Assessment guideline *Assessing applications for sewage treatment works* EM725 (Version 2),
- AS/NZS 1547:2000, "On site domestic wastewater management";
- *EPA, 2005, "Queensland Water Recycling Guidelines(EPA, 2005).*

1.4 Rationale

The draft national guidelines (EPA, 2005) note that the sustainable use of recycled water requires adherence to the following three principles:

- Protection of public and environmental health is paramount and should never be compromised.
- Ongoing protection of public and environmental health depends of the implementation of a preventive risk management approach.

- Application of control measures and water quality requirements should be commensurate with the source of recycled water and the intended uses.

The eligibility criteria and standard conditions for sewage treatment works (Environmental Relevant Activity (ERSA) 63) states that treated effluent is permitted to be released to land provided that it is done in accordance with a written procedure that ensures:

- infiltration to ground water and subsurface flows of contaminants to surface waters are prevented;
- surface pondage and run-off of effluent is prevented
- degradation of soil structure is minimised soil sodicity and the build-up of nutrients and heavy metals in the soil and subsoil are minimised
- spray drift or overspray do not carry beyond effluent disposal areas effluent disposal areas are maintained with an appropriate crop in a viable state for transpiration; and
- nutrient uptake the crop on the disposal area is harvested and removed from the disposal area.

And when weather conditions or soil conditions preclude the release of effluent to land, effluent must be directed to wet weather storage or be lawfully removed from the site.

A conceptual site model of the micro scale of interactions of the disposal of treated effluent on the land with the environment is shown in **Figure 6** in **Figures**.

This baseline study objective is to set baseline soil and water quality requirements in order to monitor future impacts from the disposal of treated effluent, which is further discussed in section 1.2 of this report.

2 Scope and Methodology

To address your requirements, we propose to complete the following;

1. Annual monitoring occurring in surface and ground water networks and assessment of changes of concentration of parameters in water quality over time;
2. Currently Moreton Environmental maintains the following monitoring regime is sufficient for the Environment Protection and Biodiversity Conservation Act 1999 (EPBC) assessment as outlined in the BDCP.
3. Report on the baseline sampling event.

1.5 EPBC baseline data.

MEL recommends the following monitoring program:

a. for the BDCP in the surface and ground waters (if applicable) for the following parameters:
   - ***i.*** *E. coli (cfu / 100 mL);*
   - ***ii.*** *Ammonia (mg/L as N), Total Kjeldahl Nitrogen, Nitrate, Nitrite (mg/L as N);*
   - ***iii.*** Total Phosphorus, Ortho Phosphate (mg/L);
   - ***iv.*** Major Anions (Cl, SO4, HCO3, F);
   - ***v.*** *Major Cations (Na, K, Ca, Mg);*
   - ***vi.*** *Total and dissolved metal concentrations (Al, Fe, Mn, As, Cd, Cr, Cu, Ni, Pb, Zn);*
   - ***vii.*** *Field Parameters of pH, DO (surface water only), ORP (ground water only), Temperature and EC.*

1.6 Scope of works

The following scope of works and methodology has been devised to monitor any potential impact on waters from the activity of wastewater treatment and irrigation of treated effluent.

Therefore, MEL proposed a scope of works at Amphitheatre EcoCamp;

- Assess the potential drainage pathways both ground and surface water from the wastewater disposal area at Amphitheatre to the nearest surface water body (ephemeral or permanent);
- Sample surface water if present.

Therefore, MEL proposed a scope of works at Woodcutters EcoCamp;

- Assess the potential drainage pathways both ground and surface water from the waste water disposal area at Woodcutters to the nearest surface water body (ephemeral or permanent);
- Sample surface water if present.

Ground water and surface water monitoring points will be selected and/or installed using the following guidance:

- *ANZECC and ARMCANZ (2000), National Water Quality Management Strategy, No. 7, Australian Guidelines for Water Quality Monitoring and Reporting, October 2000, Australian and New Zealand Environment and Conservation Council, and Agriculture and Resource Management and Council of Australia and New Zealand, (ANZECC & ARMCANZ, 2000).*
- *EPA Vic. (2000), Groundwater Sampling Guidelines, EPA Victorian Government,* (EPA, 2000).

QC samples will be collected and/or analysed in accordance with National Environment Protection Measure (NEPM) guidelines, (NEPC, 2013b). A field duplicate sample was collected per 10 primary samples. Details of MEL quality control and quality assurance procedures can be seen in **Appendix C**.

3 Context of the Sites

1.7 Geology and Hydrogeology of the site

John Harbison, a hydrogeologist, further mapped the local geology during the March site visit and made inferences on the surface water/ground water interactions at both sites.

3.1.1 Local Geology

The predominant underlying geology of the Main Range National Park is basalt, agglomerate, shale, and dolomite of the Main Range Volcanics of Oligocene to Miocene age. The Geology of the area is shown in **Figure 2** in **Figures**.

The rocks of the Main Range National Park are the remnants of a shield volcano generated from hotspot activity between 27 and 23 million years ago (Willmott, 2004). The eruption centres for the massive lava flows are thought to have been in the Boonah and Mount Alford areas. The volcanic rocks unconformably overlie Mesozoic sediments of the Clarence-Moreton Basin. It is thought that different rates of erosion on the coastal and inland sides of the volcano have resulted in the formation of the Scenic Rim rather than tectonic activity. Blackfellows Creek in the deeply eroded Amphitheatre gorge is also on the coastal side of the Main Range.

The intact rock formations in the park are massive sheets of near-horizontal lava flows; these can be seen clearly from east of The Ramparts, from Upper Laidley Creek, from the Amphitheatre site, and along creek banks within the park (see **Photos 2,3, 6, 9**, and **12-13** in **Appendix A**). It is generally accepted that the underlying geology of the Main Range National Park is the result of massive layers of lava rocks, basalt and also some trachyte, sloping gently to the west from the previous location of eruption centres to the east. Trachyte differs from basalt in being produced by more explosive eruptions that are initially hotter and cool slower; as a result, the trachyte characteristically form layers up to 80 m thick (compared to between 15 m and 20 m thick for individual basalt flows) that tend to form pale-coloured prominent cliffs with more widely spaced fractures than the basalt flows.

In contrast, rocks of the Main Range Volcanics in the Toowoomba area in the northern part of the Main Range are thought to be derived from local vents as observed in local quarries and cuttings (Free, 1989). A small lava pool observed in a road cutting near Maryvale to the southwest of the park also suggests more complex geometry of volcanic rocks away from the main shield volcano (see **Photo 9** in **Appendix A**). The finer architecture of these structures formed at various geologic times are likely to present more barriers to hydraulic connectivity than the larger flow layers.

The Amphitheatre site is located on the Main Divide. Mapping of the topography on either side of the site indicates that the near-horizontal trachyte rocks of the Amphitheatre exposed on the north-facing cliff faces (see **Photo 6** in **Appendix A**) contiguously extend beneath the site to the southern slopes; this trachyte layer under the site slopes gently to the west. The profile of weathered rock and soil above the consolidated trachyte is about 30 m thick.

The Woodcutters site is located mid-slope about 1.8 km west of The Ramparts and about 300 m southwest of Dalrymple Creek. Based on mapping of the topography, the site is located at an approximate elevation of 890 m midway between two basalt flows with upper surface elevations of approximately 880 and 905 m respectively.

3.1.2 Local Streamflow

The geometry of the underlying consolidated rocks is significant for ground water flow. It appears there is geologic control over sub-surface flow and flow is also predominantly to the west. As a result, there is currently steady flow in Dalrymple Creek while Laidley Creek and Warrill Creek to the west are currently dry in their upper reaches (see **Photo 1** in **Appendix A**). Current flow conditions in Blackfellows Creek are not known; however, the creek occupies the northern extent of the Amphitheatre valley and is a considerably greater distance from the Amphitheatre site than Stream 1 to the south. It is, therefore, very unlikely that sub-surface flow from the Amphitheatre site in the direction of Blackfellows Creek will be significant.

During the March visit, there was steady flow in the unnamed creek (Unnamed Creek 1, a tributary of Dalrymple Creek) in the vicinity of the Amphitheatre EcoCamp, and in Dalrymple Creek near the Woodcutters EcoCamp, see **Figure 5** in **Figures**. There was also a small flow observed in Unnamed Creek 1 at the Forest Reserve Road culvert above Araucaria Falls. Here, creek water was observed flowing across a layer of massive basalt (**Photo 4** in **Appendix A**).

3.1.3 Ground Water Bore Search

MEL conducted an extended ground water bore search of the region around the sites; government bores within 10 km of the sites and private bores in the Goomburra, Upper Laidley Creek and Tarome areas are detailed in Table 2. All but two (2) of the ten (10) bores regularly monitored by government staff represent alluvial aquifers, as shown in **Figure 4** in **Figures**.

The bores are mainly near either Allora or Clintonvale, since these aquifers are predominantly alluvial and heavily utilised and since water levels are heavily influenced by this use, no analysis or interpretation of these levels has been made in this report. Of the private bores, most report bore yields and water quality (mostly only Electrical Conductivity). There are almost no comprehensive chemical results for these private bores.

Table 2: Borehole Search

	Easting	Northing	Principal Aquifer(s)	Total depth (m)	SWL (mbgl)	Yield (L/s)	Quality (EC units)
Monitored bores							
RN14310211	447,171	6,901,604	Walloon_Coal_Measures	33	3.51		3,650
RN14321009	439,670	6,913,590	Alluvium	13	3.15		387
RN42230696	405,015	6,898,411	Alluvium	25	6.24		2,150
RN42230701	418,062	6,899,344	Alluvium	14.6	5.6	0.88	494
RN42230702	418,043	6,899,460	MRV	66.1	6.7		830
RN42230745	420,131	6,895,555	Alluvium	21.5	7.51		710
RN42231330	401,452	6,898,533	Alluvium	19.4	8.35		1,397
RN42231331	400,462	6,897,350	Alluvium	18.5	7.14		1,177
RN42231336	424,450	6,894,881	Alluvium	11	7.67		
RN42231337	423,143	6,896,095	Alluvium	14	8.38		1,102
Eastward bores							
RN120241	442,051	6,901,181	MRV	25.91	3	16.25	950
RN134040	442,880	6,902,690	MRV	69	36	0.5	1,200
RN138079	445,098	6,903,718	WCM	27.4	4.6	5.3	740

	Easting	Northing	Principal Aquifer(s)	Total depth (m)	SWL (mbgl)	Yield (L/s)	Quality (EC units)
RN138091	444,119	6,902,883	WCM	39	11.6	1.3	940
RN138104	443,003	6,902,536	MRV	36	27	0.7	450
RN145317	442,259	6,903,003	MRV	94	48	1.25	810
RN154165	443,675	6,902,816	MRV	95	48.7		870
Upper Laidley Bores							
RN129135	439,009	6,910,109	MRV	64	9.5	0.6	975
RN129148	440,469	6,911,781	MRV	54.9	9.8	15.1	660
Goomburra Bores							
RN71848	429,461	6,904,232	MRV	40	24	0.3	430
RN80055	429,510	6,903,784	Alluvium	34	26	1.25	
RN80255	430,109	6,904,987	MRV	29	7	3	
RN80330	429,258	6,903,944	MRV	29	12		
RN108098	434,774	6,904,874	MRV	95	21	1.5	351
RN108285	430,584	6,904,837	MRV	85	8	0.6	628
RN108839	429,446	6,903,667	MRV	52	40	1.2	

Note:

1. **UTM coordinates, Zone 55;*
2. *Meters (m);*
3. *Litres per second (L/s);*
4. *Metres below ground level (mbgl); and*
5. *Electro Conductivity units (EC units).*
6. *MRV = Main Range Volcanics; WCM = Walloon Coal Measures*

From analysis of all the ground water bore records, it is concluded that:

- The local ground water is being used as water supply, mainly from alluvial bores.
- Around Goomburra, the water table is either drawn down considerably by extraction or occurs well below ground level naturally.
- Bore yields are generally moderate at about 1 L/s. While bore yields cannot be directly correlated with measurements of aquifer permeability, it is likely that the volcanic aquifers in the Main Range Volcanics are moderately permeable.

In order to simulate natural ground water levels and put current weather conditions in context, a cumulative rainfall mass deficit curve of monthly rainfall data was generated from the Upper Forest Springs rainfall station (**BoM No. 41106**). Months of missing data were filled with correlated monthly totals from adjacent rainfall stations (Clintonvale, Akuna, and Glenrive) to produce a rainfall record for 1927 to February 2019. The mass deficit curve shows that the weather is currently almost as dry as the peak of the 2008 drought and ground water is likely to be at low levels (see Graph 1). Therefore, current creek flows represent baseflow conditions, i.e. ground water is currently the predominant contribution to streams at this time. A conceptual site model (CSM) is shown in **Figures 7 and 8 in Figures**, which clearly demonstrates that there is unlikely to be any localised aquifers under the sites of Amphitheatre or Woodcutters, respectively until such time as ground water reaches the regional aquifer some 30 – 100 m below the sites.

Brodie and Green (Queensland, 2018b), clearly state that the basalts in Main Range National Park do not consist of a single homogeneous basalt flow or single aquifer, rather, many overlapping flows with maximum thicknesses of 10 m, stacked together commonly

separated by lower permeable layers including clay-rich weathered profiles that developed between volcanic periods. The differing permeability affect the capacity of the aquifers to store or transmit ground water with zones consisting of broken vesicles, which provide primary pore space that can contain or transmit ground water. At the edge of the masive basalt layers, highly permeable basalts and low permeable alluvial aquifers discharge to the surface as springs and may indeed feed streams. In addition, Brodie and Green (Queensland, 2018b), estimated that along the eastern margin of the Condamine Basin at depths of 11 – 41 m, the aquifers in the upper Condamine basin generally consist of an upper unconfined, weathered and fractured zone with a lower more-limited extent of semi-confined fractured zone with average thicknesses of 38 m (Skelt KID and Hillier JR, 2004).

Given the sites are topographically 900 m above the Condamine Basin, with complex high and low-permeability layers beneath the sites, the expected depth to any unconfined weathered and fractured zones would be 30 – 100 m below the sites, making it impracticable to reach by drilling.

3.1.4 Ground Water Flow Directions

Graph 1 : Cumulative rainfall mass deficit curve for Upper Forest Springs



In summary, in the upper reaches of creeks in the park, the sub-surface flow of water is largely controlled by local geology. As a result, the flow of shallow ground water is predominantly to the west in the direction of the dip of the many massive layers of volcanic rock. Due to the disparity in ground water elevations on either side of the Main Divide, some deeper ground water flow toward the east cannot be discounted, but this process would operate at much larger time scales.

Importantly, ground water flow from the two EcoCamp sites to local creeks during baseflow conditions is likely to be insignificant and is also expected to be insignificant during wetter conditions

1.8 Water Quality Objectives for Dalrymple and Glengallan Creeks

The Water Quality Objectives (WQO) for Dalrymple and Glengallan Creeks are in Draft stage and the relevant catchments, including Dalrymple and Glengallan Creeks are shown in

Figure 3 in **Figures.** The Dalrymple Creek and the tributary Blackfellows Creek are considered middle Condamine River Water Type; the divide between middle and upper is a red line shown in **Figure 3** in **Figures**.

The draft WQO for Dalrymple Creek are shown below in Table 3 and listed in south eastern catchments waters in the Draft WQO for Condamine River Basin.

Low Flow Conditions are <7.9 m^3/s at gauge 422316A – Condamine River at Cecils Weir, <10.2 m^3/s at gauge 422316A – Condamine river at Cecils Weir.

High Flow Conditions are >7.9 m^3/s at gauge 422316A – Condamine River at Cecils Weir, >10.2 m^3/s at gauge 422316A – Condamine River at Cecils Weir.

Cecils Weir is located downstream in the Condamine River, in the Cecils Plains west of Nangwee and is shown in the top right-hand corner in **Figure 3** in **Figures**.

Table 3 : Water Quality Objectives for Middle Condamine Basin high ecological value

	Date Sampled	Ammonium – N	Oxidised – N	Total N	Filterable P	Total P	Chlorophyll-a	DO	Turbidity	Suspended Solids	pH	EC	Sulfate	Alkalinity
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	%	NTU	mg/L	pH Units	µS/cm	mg/L	mg/L ($CaCO_3$)
WQO Indicator percentiles Low Flow, HEV	**20th**	**3**	2	530	25	80	6	60-110	11	10	7.5	270	3	85
	50th	**6**	3	740	50	140	10		25	20	7.8	320	4	95
	80th	**15**	70	1200	110	260	21		75	60	8.1	430	5	125
WQO Indicator percentiles High Flow, HEV	**20th**	**12**	18	955	115	290	4	60-110	65	50	7.2	200	3	60
	50th	**20**	120	1210	180	470	7		165	140	7.5	240	3	75
	80th	**75**	250	1700	230	750	11		295	305	7.8	290	5	100

1.9 Site Visits

MEL visited the sites, Amphitheatre and Woodcutters on the 14th and 15th January 2019 respectively. MEL attempted to locate the nearest water course to the Amphitheatre site but was unable to reach the potential water course down-gradient of the site due to the steep terrain and dense vegetation. MEL re-visited the site and sampled surface waters on the 4th and 5th March 2019.

The following the initial site visit MEL recommended a second site visit to increase the knowledge of both soil and water quality data on both sites to facilitate the issuing of environmental authorities to treat sewage and wastewater on the sites, as well as broaden the understanding of the baseline study.

Following further discussions with the DoE on 3rd March 2019, we decided further water quality monitoring was required and two more rounds of surface water sampling were completed on the 4th and the 10th April 2019

With regard to surface waters in future investigations at the sites, MEL also recommended at both sites further mapping of rocky outcrops to determine the extent of lateral

discontinuities and variable dominance of horizontal and vertical jointing patterns, which will assist in understanding the local extent of ground water-surface water interaction.

MEL visited the sites again, on the 4th and 5th March 2019 respectively, .

MEL located the closest permanent flowing surface water to both sites. MEL took field measurements of pH, temperature, conductivity, total dissolved solids and dissolved oxygen at four sites SW01 and 02, 450 m down-gradient of the Amphitheatre site and at the confluence of the gully (a tributary of Unnamed Creek 1) and named Creek 1, which is itself a tributary of Dalrymple Creek. These field measurements were also taken at SW03 and 04, 380 m and 340 m respectively, down-gradient of Woodcutters site and at the confluence of the gully and Dalrymple Creek. The unnamed creek (Unnamed Creek 1), Dalrymple Creek, Blackfellows Creek and the surface water locations are shown in **Figure 5** in **Figures**.

In addition, during the second site visit MEL took John Harbison, a hydrogeologist, to further map the local geology and make inferences on the surface water/ground water interactions at both sites. Details of the surface water/ground water interactions at both sites are further discussed in **Section Error! Reference source not found.** of this report.

4 Quality Assurance/Quality Control (QA/QC)

For any given project, all investigation data is potentially subject to sampling and data reduction errors. DQO are therefore established to control the sources of errors and quantify the errors whenever possible. Quality control (QC) procedures are designed to both increase sample data quality and help interpret discrepancies in results.

All work was conducted in accordance with industry-accepted standards and quality assured procedures. Field quality control included rigorous sample collection, decontamination procedures, and sample documentation.

Methodology of the quality assurance (QA) and quality control (QC) are further discussed in this section of the report as well as details presented in **Appendix C** along with results discussed in section 5.

Laboratory QA and QC procedures included matrix spikes, laboratory duplicates and method blanks. The results of the QC testing are presented in the laboratory reports in **Appendix D** and the results of quality control measures implemented on field duplicates are shown in **Table 12** in the **Tables** section of this report.

4.1.1 Methodology

MEL sampled the surface waters directly into sample containers and sample containers with preservatives in them were filled first by use of the plastic 250ml bottle not containing preservatives prior to being filled itself directly from the surface water body.

As stated above, surface water was placed into sample containers using disposable nitrile gloves and a new pair of nitrile gloves was used for each sample taken. The sample containers were labelled with the surface water location, site reference and date before being placed in a chilled, darkened cooler (maximum temperature of 4°C).

QC samples were collected and/or analysed in accordance with National Environmental Protection Measure (NEPM) guidelines, (NEPC, 2013a). A field duplicate sample was collected per 10 primary samples. Details of Moreton Environmental quality control and quality assurance procedures are shown in Quality Assurance and Control (**Appendix C**). This concludes the SAQP for the site. Sampling was completed during the site visits of 14th and 15th January 2019 and again on the 4th and 5th March 2019 at both sites under investigation for Spicers.

It was not possible to calculate relative difference percentages (RPDs) for field or laboratory duplicates, as metals were chosen as the analytes and all results obtained were less than the level of reporting and therefore, we were unable to calculated RPDs.

The location of the surface water locations was recorded using a hand-held GPS device and the Easting and Northing coordinates.

4.1.2 Sample water analysis

MEL sampled ten (10) surface water locations over the period of march and April 2019. The following locations were sampled with the following explanations for the rationale of why the locations were chosen for investigation. It should be noted that BAAM previously sampled four (4) locations, which were added to the six (6) MEL locations sampled on the 3rd and 10th April.

It should be emphasised that the following rationale for surface water sampling encompasses, monitoring of surface and groundwater impacts from waste water areas and impact of creek crossing. Details of sample locations and rationale for sampling are given in Table 4 and Table 5.

Table 4 : Surface Water Sample Locations and Rationale

Sample ID	Rationale for locations	Rationale for locations	Field Parameters	Lab Analysis
SW01	450 m down-gradient of Amphitheatre site at the confluence of the gully Unnamed Creek 1 and 2.	The closest permanent surface water to Amphitheatre site	Temperature, pH, Dissolved Oxygen Total Dissolved Solids, ORP Electrical Conductivity and Turbidity	E. coli (cfu / 100 mL); Ammonia (mg/L as N), Total Kjeldahl Nitrogen, Nitrate, Nitrite (mg/L as N); Total Phosphorus, Ortho Phosphate (mg/L); Major Anions (Cl, SO4, HCO3, F); Major Cations (Na, K, Ca, Mg); Total and dissolved metal concentrations (Al, Fe, Mn, As, Cd, Cr, Cu, Ni, Pb, Zn), Total Suspended Solids.
SW02	40 m upstream of SW001in Unnamed Creek 2, which is itself a tributary of Dalrymple Cree.	Upstream of SW01 as a background water quality sample		
SW03	380 m down-gradient of Woodcutters EcoCamp on the confluence of a gully and Dalrymple Creek.	The closest permanent surface water to Woodcutters site		
SW04	640 m upstream of SW03 and up-gradient of Woodcutters EcoCamp in Dalrymple Creek.	Upstream of SW03 as a background water quality sample		
SW05	950 m down-gradient of SW01 in Unnamed Creek 1.	This location is considered far enough downstream of SW01 to have potential to be fed by ground water from beneath Amphitheatre site		
SW06	950 m down-gradient of SW01 in Unnamed Creek 1.	This location is considered far enough downstream of SW03 to have potential to be fed by ground water from beneath Woodcutters site		
SW07	Upstream of creek crossing on Blackfellows Creek	Upstream of creek crossing on Blackfellows Creek		
SW08	Downstream of creek crossing on Blackfellows Creek	Downstream of creek crossing on Blackfellows Creek		
SW09	Downstream of creek crossing on Dalrymple Creek	Upstream of creek crossing on Dalrymple Creek and the most upstream reference on Dalrymple Creek		
SW10	Upstream of creek crossing on Dalrymple Creek	Downstream of creek crossing on Dalrymple Creek and up stream of SW01		

BAAM sampled surface waters on the 25th October 2018, (BAAM, 2018), MEL sample surface waters on the 5th March, 3rd and 10th April 2019. Table 5 indicates the number of replicates each location has been sampled in the baseline round of sampling by both BAAM and MEL.

Table 5 : Frequency of surface water sampling events

Sample ID	Frequency	Sample ID	Frequency
SW01	3	SW06	2
SW02	3	SW07	3
SW03	3	SW08	3
SW04	3	SW09	3
SW05	2	SW10	3

The investigation was undertaken in accordance with Moreton Environmental standard operating procedures (SOP_PROC_001-Soil sampling, SOP_PROC_002-Surface Water sampling, SOP_PROC_004-Quality Assurance and Quality Control) as shown in **Appendix C**, which are consistent with Qld Government-approved guidelines and industry standards, including the 2018 Monitoring and Sampling Manual, (Queensland, 2018a).

5 Surface Water Results

As previously stated in section 1.9, MEL did locate the nearest permanent watercourse to both Amphitheatre and Woodcutters sites during the March site visit and repeated sampling in April visits. The rationale for sampling is to sample the confluence of the gullies leading from the EcoCamp areas to the nearest permanent water courses (Unnamed and Dalrymple Creeks) and downstream of these locations to a sufficient distance to have a high chance of ground water influence from under the sites. This is again demonstrated in the CSMs in **Figures 7** and **8** in **Figures.**

The topography of the gully (Unnamed Creek 2) between the site at Amphitheatre and the tributary of the Dalrymple Creek (Unnamed Creek 1) was steep and the sub-surface hydraulic connectivity between the site at Amphitheatre and the tributary of the Dalrymple Creek is possible. The connectivity would unlikely be direct or permanently in flow or necessarily on the surface or sub terrain in any one section. There would be many channels and watercourses between the Amphitheatre site and the tributary of Dalrymple Creek.

There are three (3) gullies within close proximity of Woodcutters EcoCamp site, with SW03 being at the confluence of the gully, which is downstream of the camp and SW04 being at the confluence of the gully, which is upstream of the camp.

The two-creek crossing were sampled up and downstream of the crossings.

The surface waters were sampled by trekking in three (3) routes. Firstly driving up Winder Trial from Mt Castle Lookout Car park and trekking into the location of the Blackfellows Creek crossing and sampling SW07 and SW08. Second route is trekking up Cascades Trial and sampling in Dalrymple Creek at locations SW06, SW03, SW04, SW09 and SW10. The rationale for these and all other sampling points has been given in Table 4. The third and final route was trekking up North Branch Trial and sampling SW05, SW01 and SW02.

It should be noted that Reference point 1 upstream in the BAAM report is the same location as SW087, Test point 1 in the BAAM report is the same as SW08, downstream test point 3 in the BAAM report is the same as SW09 and Reference point 4 in the BAAM report is the same as SW10, (BAAM, 2018).

The previously stated rationale for sample locations has been given in Table 4, which in brief relate to either:

- monitoring likely surface water impacts from the waste water area in Amphitheatre, SW01 and the background upstream location SW02, along with the potential ground water interactions with waste water area in Amphitheatre SW05;
- monitoring likely surface water impacts from the waste water area in Woodcutters, SW03 and the background upstream location SW04, along with potential ground water interactions with waste water area in Woodcutters SW06; and
- monitoring the two Creek Crossings, Blackfellows, downstream SW08, upstream SW07 and Dalrymple downstream SW09, upstream SW10. It should also be noted that SW10 is the most upstream location with no likely impact from Creek crossings or wastewater discharge in Dalrymple Creek.

The field sheets of field measurements taken at the surface water monitoring points can be seen in **Appendix B** and all locations are shown in **Figures 9** in **Figures**.

A full summary of Surface Water Sampling Results is shown in Table 11 in **Tables** taken from laboratory results (**Appendix D**). Relevant WQO from Table 3 are compared to field and laboratory results in Table 11, and outlined in Table 6, Table 7 and Table 8 below.

The water flows at Cecils Weir appear to be zero cumecs or a level of approximately 3.0 m, so we will assume a low flow at Cecils Creek and we will compare to the 50th percentile until such time as the data set progresses to sufficient size (14 observations) to make statistical inferences.

5.1.1 Unnamed Creek 1

In Table 6 is the summary data for the unnamed Creek 1, which includes SW01, 02 and 05, monitoring the impact of waste water from Amphitheatre site, on surface water, background and ground water respectively.

Table 6 : Comparison Water Quality Objectives in Unnamed Creek 1

	Date Sampled	Ammonium – N	Oxidised – N	Total N	Filterable P	Total P	Chlorophyll-a	DO	Turbidity	Suspended Solids	pH	EC	Sulphate	Alkalinity
Units		µg/L	µg/L	µg/L	µg/L	µg/L	g/L	%	NTU	mg/L	pH Units	µS/cm	mg/L	mg/L ($CaCO_3$)
Low Flow HEV WQO		6	3	740	50	140	10	60-110	25	20	7.8	320	4	95
SW01	05/03	20	60	500	80	170	NR	75	NR	NR	6.6	118	<1	40
SW01	03/04	<10	30	200	90	80	NR	102	2.4	NR	7.24	91	4	38
SW01	10/04	40	290	500	70	70	NR	105	NR	NR	6.58	58	1	41
SW02	05/03	20	60	200	80	60	NR	70	NR	NR	6.1	115	<1	38
SW02	03/04	10	40	300	90	100	NR	105	2.6	NR	7.3	86	2	35
SW02	10/04	60	510	1000	70	90	NR	76.1	NR	NR	6.9	61	3	36
SW05	03/04	<10	<10	100	100	80	NR	111.7	1.5	NR	7.36	99	2	41
SW05	10/04	50	1020	1400	70	80	NR	103	0	NR	6.85	NR	1	42
Median Value		30	60	400	80	80	NA	102.5	1.95	NA	6.875	88.5	2	39

Notes:
NR – not recorded
NA – not applicable
Median values above 50 percentiles in Red

5.1.1.1 Nitrogen

The nitrogen values, for Ammonium – N and Oxidised – N are consistently above the WQO for 50 percentile HEV low flow conditions (WQO) with values ranging from <10-60 µg/L of Ammonium – N and a median value of 30 µg/l. The median value for Oxidised – N is above the WQO (60 µg/L), and values range from 30-1020 µg/L. Total N for these locations were for the majority of the time within the WQO with the exception of SW02 and SW05 on the 10th April with values above the WQO, 1000 µg/L and 1400 µg/L respectively and a median value within the WQO of 400 µg/L.

5.1.1.2 Phosphorus

The Filterable Phosphorus values are consistently above the WQO with values ranging from 70-100 mg/L and a median value of 80 mg/L. Total P for these locations were the majority of the time within the WQO with a value of 80 mg/L, with the exception of SW01 on the 5th March with a value of 170 mg/L.

5.1.1.3 Sulphate and Alkalinity

Sulphate and Alkalinity were within the WQO for all the locations over time.

5.1.1.4 Field Parameters Dissolved Oxygen, pH, Conductivity

pH values were lower than the WQO, which reflects the slightly acid conditions due to the influence of ground water or surface run-off on surface waters (Queensland, 2018b) (Brodie, 2002). The median value of pH in the unnamed Creek is 6.88, which is lower than the WQO of 7.8. Conductivity in the unnamed Creek shows fresher water systems than the WQO for the middle Condamine River at low flows and reflects the influence of ground water on surface water systems in this area; the median value of 88.5 µS/cm is well below the WQO of 320 µS/cm.
Dissolved oxygen in the unnamed Creek was consistently within the WQO of 60-110%, with a median value of 1.02.5% for the Unnamed Creek.
Turbidity was consistently below the WQO with a median value of 1.95 NTU.

5.1.2 Blackfellows Creek

In Table 7 is the summary data for Blackfellows Creek, which includes SW07 and 08, monitoring the impact of Blackfellows Creek crossing, with SW07 being upstream and SW08 being downstream of the crossing.

Table 7 : Comparison Water Quality Objectives in Blackfellows Creek

	Date Sampled	Ammonium – N	Oxidised – N	Total N	Filterable P	Total P	Chlorophyll-a	DO	Turbidity	Suspended Solids	pH	EC	Sulfate	Alkalinity
Units		µg/L	µg/L	µg/L	µg/L	µg/L	g/L	%	NTU	mg/L	pH Units	µS/cm	mg/L	mg/L ($CaCO_3$)
Low Flow HEV WQO		6	3	740	50	140	10	60-110	25	20	7.8	320	4	95
SW07	25/10/18	NR	NR	NR	NR	NR	NR	64.7	NR	NR	7.1	84.7	NR	NR
SW07	03/04	10	<10	200	110	100	NR	101.3	2.6	NR	6.76	89	1	31
SW07	10/04	40	40	200	80	100	NR	105	NR	NR	6.35	99	1	33
SW08	25/10/18	NR	NR	NR	NR	NR	NR	NR	4.73	NR	7.32	86.5	NR	NR
SW08	03/04	10	340	500	100	100	NR	99.5	2	NR	6.41	72	2	26
SW08	10/04	180	560	1100	80	170	NR	107	NR	NR	5.78	46	12	27
Median Value		25	340	350	90	100	NA	101.3	2	NA	6.585	85.6	1.5	29

Notes:
NR – not recorded
NA – not applicable
Median values above 50 percentiles in Red

5.1.2.1 Nitrogen

The nitrogen values, for Ammonium – N and Oxidised – N are consistently above the WQO with values ranging from 10-180 mg/L of Ammonium – N and a median value of 25 μg/L. The median value for Oxidised – N, 340 μg/L is above the WQO, and ranges from <10-560 μg/L. Total N for these locations were the majority of the time within the WQO with the exception of SW08 on the 10th April and which showed a value above the WQO, 1100 μg/L and a median value within the WQO of 350 μg/L.

5.1.2.2 Phosphorus

The Filterable Phosphorus values are consistently above the WQO with values ranging from 80-110 mg/L and a median value of 90 mg/L. Total P for these locations were the majority of the time within the WQO with a value of 100 mg/L, with the exception of SW08 on the 10th April with a value of 170 mg/L.

5.1.2.3 Sulphate and Alkalinity

Sulphate and Alkalinity were within the WQO for all the locations over time.

5.1.2.4 Field Parameters Dissolved Oxygen, pH, Conductivity

pH values were lower than the WQO, which reflects the slightly acid conditions due to the influence of ground water or surface run-off on surface waters (Brodie, 2002). The median value of pH in Blackfellows Creek is 6.59, which is lower than the WQO of 7.8. EC in Blackfellows Creek shows fresher water systems than the WQO for the middle Condamine River at low flows and reflects the influence of ground water on surface water systems in this area, the median value of 85.6 μS/cm is well below the WQO of 320 μS/cm.
DO in Blackfellows Creek was consistently within the WQO of 60-110%, with a median value of 101.3%. Turbidity was consistently below the WQO with a median value of 2 NTUs.

5.1.3 Dalrymple Creek

In Table 8 is the summary data for Dalrymple Creek, which includes SW03, 04, and 06 monitoring the impact of waste water from Woodcutters site, on surface, background and ground water respectively. As well as monitoring the impact of Dalrymple Creek crossing, with SW09 being downstream and SW10 being upstream of the crossing. It should also be noted that SW10 is the upper most sampling point in Dalrymple Creek, which will in future monitoring be the ultimate background sample for the Dalrymple Creek system.

Table 8 : Comparison Water Quality Objectives in Dalrymple Creek

	Date Sampled	Ammonium – N	Oxidised – N	Total N	Filterable P	Total P	Chlorophyll-a	DO	Turbidity	Suspended Solids	pH	EC	Sulfate	Alkalinity
Units		µg/L	µg/L	µg/L	µg/L	µg/L	□g/L	%	NTU	mg/L	pH Units	µS/cm	mg/L	mg/L ($CaCO_3$)
Low Flow HEV WQO		**6**	**3**	**740**	**50**	**140**	**10**	**60-110**	**25**	**20**	**7.8**	**320**	**4**	**95**
SW03	05/03	10	40	<100	90	60	NR	88	NR	NR	6.6	163	1	44
SW03	03/04	<10	140	300	100	80	NR	102.9		NR	6.83	95	2	42
SW03	10/04	40	40	100	70	70	NR	99	0	NR	6.15	60	1	44
SW04	05/03	20	640	800	90	60	NR	76		NR	6.6	134	<1	37
SW04	03/04	<10	140	400	100	100	NR	107	1.5	NR	6.54	96	2	38
SW04	10/04	40	80	300	70	80	NR	105	0	NR	6.66	58	1	42
SW06	03/04	<10	<10	200	100	80	NR	107	1.9	NR	5.32	105	2	42
SW06	10/04	50	50	200	70	170	NR	105	1.5	NR	6.26	71	1	50
SW09	25/10/18						NR	98.5	5.8	NR	7.94	87.6		
SW09	03/04	20	970	1,200	90	70	NR	108.1	3.7	NR	7.25	87	5	32
SW09	10/04	90	170	500	60	70	NR	107	2.8	NR	6.54	52	2	38
SW10	25/10/18						NR	94.2	4.2	NR	7.94	84.4		
SW10	03/04	<10	70	300	100	80	NR	114	29.9	NR	7.3	82	1	32
SW10	10/04	70	100	2000	70	500	NR	104	0	NR	6.65	48	1	36
Median Value		70	135	850	80	75	NA	105.5	3.95	NA	7.275	83.2	1.5	34

Notes:
NR – not recorded
NA – not applicable
Median values above 50 percentiles in Red

5.1.3.1 Nitrogen

The nitrogen values, for Ammonium – N and Oxidised – N are consistently above the WQO with values ranging from <10-90 mg/L of Ammonium – N and a median value of 70 µg/l. The median value for Oxidised – N, 135 µg/L is above the WQO, and ranges from <10-2000 µg/L. Total N for these locations were some of the time within the WQO with the exception of SW04 on the 5th March, SW09 on the 3rd April and SW10 on the 10th April with values of 800, 1200 and 2000 µg/L respectively. The median value of 850 µg/L was above the WQO of 340 µg/L for Total N.

5.1.3.2 Phosphorus

The Filterable Phosphorus values are consistently above the WQO with values ranging from 70-100 µg/L and a median value of 80 µg/L. Total P for these locations were the majority of

the time within the WQO with a median value of 75 mg/L, with the exception of SW06 on the 10th April with a value of 170 µg/L and SW10 on the 10th April with a value of 500 µg/L.

5.1.3.3 Sulphate and Alkalinity

Sulphate and Alkalinity were within the WQO for all the locations over time.

5.1.3.4 Field Parameters Dissolved Oxygen, pH, Conductivity

pH values were slightly lower than the WQO, which reflects the slightly acid conditions due to the influence of ground water or surface run-off on surface waters (Brodie, 2002). The median value of pH in the Dalrymple Creek is 7.3, which is lower than the WQO of 7.8. Conductivity in the Dalrymple Creek shows fresher water systems than the WQO for the middle Condamine at low flows and reflects the influence of ground water on surface water systems in this area, the median value of 83.2 µS/cm is well below the WQO of 320 µS/cm. Dissolved oxygen in the Dalrymple Creek was consistently within the WQO of 60-110%, with a median value of 105.5% for the Dalrymple Creek.
Turbidity was consistently below the WQO with a median value of 3.95 NTUs.

5.1.4 Summary of surface water in Creek Systems

The metalloid water concentrations for all locations were all below the LOR for the majority of the time with the occasional value being marginally above the LOR for metalloid water concentrations of Copper, Nickel and Zinc, reflecting the influence of the Basalt bedrock on the waters. There was only one value of metalloid water concentrations of Zinc an order of magnitude above the LOR, SW08 on the 3rd April with a value of 0.024mg/L. This demonstrates that low levels of metalloids are naturally occurring from the Basalt bedrock.

Further monitoring of the surface water locations on an annual basis will be adequate to monitor any changes of water quality due to the influence of both overland flow and ground water from the sites.

Other parameters measured such as total dissolved salts, total hardness, alkalinity, chloride, major cations, SAR can be seen in **Appendix D**. The values are all similar in value between all locations over time adding to the weight of evidence that Blackfellows and Dalrymple Creeks and their tributaries are currently predominantly being ground water-fed.

There were levels of E.Coli above the LOR in the creeks at all locations in both Creeks with values mostly ranging from <1-14 CFU/100mL, with an exception of one value of 6300 CFU/100mL which is considered an anomaly. The levels of background E.Coli of 1-100 CFU/100mL is consistent with low level E.Coli presence in surface waters which have access to cattle in the Park.

6 Conclusions and recommendations

1.10 Conclusions

MEL was engaged by Spicers to provide baseline water quality data for all drainage channels outside of the boundaries of Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp, likely to have connectivity with potential effluent disposal areas being assessed. This data collection should be designed to ensure monitoring will detect any downstream changes in surface water and ground water quality from impacts of Woodcutters EcoCamp and Amphitheatre View Wilderness EcoCamp.

The Amphitheatre site is located on the Main Divide. Mapping of the topography on either side of the site indicates that the near-horizontal trachyte rocks of the Amphitheatre contiguously extend beneath the site to the southern slopes; this trachyte layer under the site slopes gently to the west. The profile of weathered rock and soil above the consolidated trachyte is about 30 m thick.

The Woodcutters site is located mid-slope about 1.8 km west of The Ramparts and about 300 m southwest of Dalrymple Creek. Based on mapping of the topography, the site is located at an approximate elevation of 890 m midway between two basalt flows with upper surface elevations of approximately 880 and 905 m respectively.

The current creek flows represent baseflow conditions, i.e. ground water is currently the predominant contribution to streams at this time. A conceptual site model (CSM) is shown in **Figure 7** and **8 in Figures**, which clearly demonstrates regional aquifers are some 30 – 100 m below the sites. Brodie and Green (Queensland, 2018b), clearly state that the basalts in Main Range National Park do not consist of a single homogeneous basalt flow or single aquifer, rather, many overlapping flows with maximum thicknesses of 10m, stacked together commonly separate by lower permeable layers including clay rich weathered profiles with differing permeabilities and capacities to store or transmit ground water. At the edge of the massive basalt layers, the interfaces of the highly permeable basalts and low permeable alluvial aquifers discharge to the surface as springs and may indeed feed streams. The aquifers in the upper Condamine basin generally consist of an upper unconfined weathered and fractured zone with a lower more limited extent semi-confined fractured zone with average thicknesses of 38m (Skelt KID and Hillier JR, 2004).

Given the sites are topographically 900m above the Condamine Basin, with complex high and low permeable layers beneath the sites, the expected depth to any unconfined weathered and fractured zones would be 30 – 100 m below the sites, making it impactable to reach.

Surface water analysis in the Dalrymple Creeks systems, including the two tributaries Unnamed, and Blackfellows Creek shows consistently evidence the systems are ground water-fed with slightly acid fresh waters with Median values in the three systems of pH 6.6-7.3 and EC of 83-88 µS/cm, which corroborates (Skelt KID and Hillier JR, 2004) study.

All Surface water analysis in the Dalrymple Creeks systems show evidence of high nutrient values from either livestock in the park or runoff from high nutrient soils in the park.

Residual E.Coli is evidence of livestock impacting surface water bodies in the park.

MEL is satisfied that future monitoring of surface water locations will monitor any influence of overland flow or ground water flow from the sites. The WQO can be used as criteria for

future monitoring events with the exception of nutrients due to the high background levels exceeding the WQO for the area.

1.11 Recommendations

The following recommendations are made to increase the knowledge of water quality data on both sites to facilitate the issuing of environmental authorities to treat sewage and waste water on the sites, as well as broaden the understanding of the baseline study.

MEL is recommending a before-after control-impact (BACI) study design is used to monitor surface water for impact of waste water disposal areas in the EcoCamps and the Creek Crossings with the following locations (Table 9) and rationale recommended to be monitored twice a year, once in the dry and once in the wet season.

Table 9 : Surface Water Sample Locations and Rationale

Sample ID	Rationale for locations	Field Parameters	Lab Analysis
SW01	The closest permanent surface water to Amphitheatre site	Temperature, pH, Dissolved Oxygen Total Dissolved Solids, ORP Electrical Conductivity and Turbidity	E. coli (cfu / 100 mL); Biological Oxygen Demand (mg/L; Ammonia (mg/L as N), Total Kjeldahl Nitrogen, Nitrate, Nitrite (mg/L as N); Total Phosphorus, Ortho Phosphate (mg/L); Major Anions (Cl, SO4, HCO3, F); Major Cations (Na, K, Ca, Mg); Sodium Adsorption Ratio; Total and dissolved metal concentrations (Al, Fe, Mn, As, Cd, Cr, Cu, Ni, Pb, Zn), Total Suspended Solids.
SW02	Upstream of SW01 as a background water quality sample		
SW03	The closest permanent surface water to Woodcutters site		
SW04	Upstream of SW03 as a background water quality sample		
SW05	This location is considered far enough downstream of SW01 to have potential to be fed by ground water from beneath Amphitheatre site		
SW06	This location is considered far enough downstream of SW03 to have potential to be fed by ground water from beneath Woodcutters site		
SW07	Upstream of creek crossing on Blackfellows Creek		
SW08	Downstream of creek crossing on Blackfellows Creek		
SW09	Upstream of creek crossing on Dalrymple Creek and the most upstream reference on Dalrymple Creek		
SW10	Downstream of creek crossing on Dalrymple Creek and up stream of SW01		

The locations of **SW01 – SW10** can be seen in **Figure 9** in **Figures** and at the following GPS coordinates.

Table 10 : Surface Water Sample GPS Locations

Sample ID	lat	lon	Sample ID	lat	lon
SW001	27.966950	152.356462	SW006	27.982217	152.354976
SW002	27.967164	152.356829	SW007	27.959767	152.36685
SW003	27.983086	152.357824	SW008	27.959567	152.36670
SW004	27.986241	152.366333	SW009	27.987830	152.368609
SW005	27.971651	152.354164	SW010	27.989009	152.368474

A NATA-accredited laboratory is used for analyses of all samples.

7 Disclaimer

This report (the "Report") has been prepared for the exclusive use of the Spicers Retreats Hotels & Lodges Pty Ltd for its own use for the purpose of assessment of surface waters in the land application areas in Amphitheatre and Woodcutters EcoCamps (the “sites”).

The Report must be read in light of:

- The limited readership and purposes for which it was intended.
- Its reliance upon information provided by the client and others which MEL has not verified and over which MEL has no control.
- The limitations and assumptions referred to throughout the Report.
- The cost and other constraints imposed on the Report.
- Other relevant issues which are not within the scope of the Report.

Subject to the limitations referred to above, MEL has exercised all due care in the preparation of the Report and believes that the information, conclusions, interpretations and recommendations of the Report are both reasonable and reliable.

No warranty or representation is made to finance or third parties (express or implied) in respect of the Report, particularly with regard to any commercial investment decision made on the basis of the Report. Use of the Report by Finance or third parties shall be at their own risk and extracts from the Report may only be published with permission of MEL. This disclaimer must accompany every copy of the Report, which is an integral document and must be read in its entirety.

1.12 Limitations of this report

The outcome of this Report is limited to information supplied for the activities associated with the scope of works only. It is intended that this assessment provide a description of the potential ground water contamination and recommendations on how to address and manage any contamination issues at the site.

This Report has been prepared for Spicers Retreats Hotels & Lodges Pty Ltd for its own use and is based on information provided by Spicers Retreats Hotels & Lodges Pty Ltd . MEL takes no responsibility and disclaims all liability whatsoever for any loss or damage that Spicers Retreats Hotels & Lodges Pty Ltd may suffer as a result of using or relying on any such information or recommendations contained in this Report, except to the is expressly indicated in this Report that it has verified the information to its satisfaction. This Report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein.

Should further information become available regarding the conditions at the site, including previously unknown likely sources of contamination, MEL reserves the right to review the Report in the context of the additional information.

The findings, observations and conclusions expressed in this report are not, and should not be considered as an opinion concerning the commercial feasibility of the property or asset.

The Report may contain various remarks about and observations on legal documents and arrangements such as contracts, supply arrangements, leases, licences, permits and authorities. A consulting scientist can make remarks and observations about the technical

aspects and implications of those documents and general remarks and observations of a non-legal nature about the context of those documents. However, as a consulting scientist MEL is not qualified, cannot express and should not be taken as in any way expressing any opinion or conclusion about the legal status, validity, enforceability, effect, completeness or effectiveness of those arrangements or documents.

This report has been prepared by **Moreton Environmental Pty Ltd** ABN: 68 169 746 123 in response to and subject to the following limitations:

1. The specific instructions received from Spicers Retreats Hotels & Lodges Pty Ltd ;

2. The specific scope of works set out in PO18006, Proposal for the monitoring of ground water dated 16th January 2019;

3. May not be relied upon by any third party not named in this report for any purpose except with the prior written consent of **Moreton Environmental Pty Ltd** (which consent may or may not be given at the discretion of **Moreton Environmental Pty Ltd**);

4. This report comprises the formal report, documentation sections, tables, figures and appendices as referred to in the index to this report and must not be released to any third party or copied in part without all the material included in this report for any reason;

5. The report only relates to the site referred to in the scope of works being located at Ocean View Drive, Whitsunday Shores, Queensland 4905 (“the site”);

6. The report relates to the site as at the date of the report as conditions may change thereafter due to natural processes and/or site activities;

7. No warranty or guarantee is made in regard to any other use than as specified in the scope of works and only applies to the depth tested and reported in this report;

8. Fill, soil, ground water and rock to the depth tested on the site may be fit for the use specified in this report. Unless it is expressly stated in this report, the fill, soil and/or rock may not be suitable for classification as clean fill if deposited off site; and

9. Our General Limitations set out at the back of the body of this report.

8 References

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9 Glossary and Terms

Acidify addition of acid to lower pH.

AHD Australian Height Datum, equivalent to Mean Sea Level in south-east Queensland

Aquifer rock or sediment in a formation, group of formations, or part of a formation, which is/are saturated and sufficiently permeable to transmit economic quantities of water to wells and springs.

Aquifer, confined aquifer that is overlain by a confining bed with significantly lower hydraulic conductivity than the aquifer.

Aquifer, perched region in the unsaturated zone where the soil is locally saturated because it overlies soil or rock of low permeability.

Aquitard a unit of low permeability that can store ground water and also transmit it slowly.

Background natural level of a property/parameter.

Baseline initial value of a measure.

Borehole an uncased well drill hole.

Cobble rock fragment, rounded or abraded between 64 and 256 mm in diameter. Cobbles are larger than gravel and smaller than boulders.

Coliform count coliform bacteria are found in the gut of many vertebrates and are commonly associated with decaying organic matter.

Conductivity (EC) electrical conductivity of water is an expression of its ability to conduct an electric current. This property is related to the ionic content of the sample, which is in turn a function of the total dissolved (ionisable) solids (TDS) concentration. An estimate of TDS (mg/L) in fresh water can be obtained by multiplying EC (µS/cm) by 0.65.

Confidence Limits (statistics) an interval so constructed as to have a prescribed probability of containing the true value of an unknown parameter.

Confined Aquifer an aquifer whose upper and/or lower boundaries are confined by an almost impermeable geological formation, e.g. a clay layer. The water in these aquifers is usually under hydraulic pressure, e.g. artesian or sub-artesian conditions.

Confining layer an aquitard or sparingly permeable layer that confines the limits of an aquifer.

Contaminant generally, any chemical species introduced into the soil or water. More particularly relates to those species that render soil or water unfit for beneficial use.

Contamination is considered to have occurred when the concentration of a specific element or compound is established as being greater than the normally expected (or actually quantified) background concentration.

CSM Conceptual Site Model(s), simplified diagrams /descriptions of physical settings and processes.

Discrete sample samples collected from different locations and depths that will not be composited but analysed individually.

Effective Persons (EPs) are a theoretical number of people to occupy a dwelling for the purposes of estimating influent loads on a wastewater treatment plant.

Electrolytic conductivity (EC) (see **Conductivity**)

Fracture break in the geological formation, e.g. a shear or a fault.

Gleyed soils waterlogged soils. Develop where drainage is poor or the water table is high. A reducing environment exists in the saturated layers, which become mottled greyish-blue or brown because of the content of ferrous iron and organic matter.

Gradational lower boundary between soil layers (horizons) has a gradual transition to the next layer. The solum (soil horizon) becomes gradually more clayey with depth.

Groundwater investigation level (GIL) is the concentration of a ground water parameter at which further investigation (point of extraction) or a response (point of use) is required. Includes Australian water quality guidelines/drinking water guidelines/guidelines for managing risk in recreational water criteria and site-specific derived criteria.

Groundwater, ground water water held in the pores of an aquifer.

Head space air space at the top of a soil or water sample.

Hectares (ha) is a measure of area, equivalent to 10,000 meters squared.

Heterogeneous condition of having different characteristics in proximate locations. Non-uniform. (Opposite of **homogeneous**).

Horizon individual soil layer, based on texture and colour, which differs from those above and below.

Humic/Humus referring to organic matter within soil.

Investigation levels and screening levels are the concentrations of a contaminant above which further appropriate investigation and evaluation will be required. Ecological investigation levels (EILs) may also be referred to as soil quality guidelines in relevant references (see NEPM Schedules B5b and B5c).

Laboratory of Reporting (LOR) is the lowest concentration a laboratory technique or procedure can report with the appropriate confidence of accuracy.

Lithosol shallow soils showing minimal profile development and dominated by the presence of weathered rock and rock fragments.

Loam medium textured soil of approximate composition 10-25% clay, 25-50% silt and >50% sand.

Massive refers to the condition of the soil layer in which the layer appears to be as a coherent or solid mass, which is largely devoid of peds.

Metals are elements, compounds, or alloys that are good conductors of both electricity and heat. Common metals analysed are Arsenic (As), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Mercury (Hg), Nickel (Ni), and Zinc (Zn).

Mottled a pattern where soils have masses, blobs or blotches of sub-dominant, varying colours indicating regular water saturation/unsaturation.

National Association of Testing Authorities (NATA), NATA accreditation provides a means of determining, formally recognising and promoting the competence of facilities to perform specific types of testing, inspection, calibration, and other related activities

National Environment Protection Measure (NEPM), NEPMs are broad framework-setting statutory instruments defined in the NEPC Act. They outline agreed national objectives for protecting or managing particular aspects of the environment.

Occupational health and safety (OH&S) is a cross-disciplinary area concerned with protecting the safety, health and welfare of people engaged in work or employment.

Organics chemical compounds comprising atoms of carbon, hydrogen and others (commonly oxygen, nitrogen, phosphorus, sulfur). Opposite is inorganic, referring to chemical species not containing carbon.

Oxidation originally referred only to the addition of oxygen to elements. However, oxidation now encompasses the broader concept of the loss of electrons by electron transfer to other ions.

Parameters population value of a particular characteristic, which is descriptive of the distribution of a random variable.

Perched Aquifer (or water table) a body of water located above an impermeable geological formation. These perched aquifers (or water tables) are nearly always seasonal or periodic.

Permeability property of porous medium relating to its ability to transmit or conduct liquid (usually water) under the influence of a driving force. Also referred to as hydraulic conductivity.

pH logarithmic index for the concentration of hydrogen ions in an aqueous solution, which is used as a measure of acidity.

Plastic soil material, which is in a condition, that allows it to undergo permanent deformation without appreciable volume change or elastic rebound, and without rupture.

Potentiometric Surface water level that represents the standing or total hydraulic standing head. In an aquifer system it represents the levels to which water will rise in tightly cased walls (e.g. a cased borehole).

Precision is a measure of the reproducibility of results under a given set of conditions and is assessed on the basis of agreement between a set of duplicate results obtained from duplicate analyses.

Profile the solum. This includes the soil A and B horizons and is basically the depth of soil to weathered rock.

QA/QC Quality Assurance / Quality Control involves all of the actions, procedures, checks and decisions undertaken to ensure the representativeness and integrity of samples, and accuracy and reliability of analytical results. Quality control is the component of QA, which monitors and measures the effectiveness of other procedures by the comparison of these measures to previously decided objectives.

Reducing Conditions can be simply expressed as the absence of oxygen, though chemically the meaning is more complex. For more details refer to OXIDATION.

Relative Percentage Difference (RPD) expresses the precision of results by comparing the difference between the two samples to the average of the two samples.

Representative Sample assumed not to be significantly different than the population of samples available. In many investigations samples are often collected to represent the worst-case situation.

Standing water level (SWL) is depth to ground water (m) below a datum point or reference point, usually from the top of casing or natural surface.

Stratigraphy vertical sequence of geological units.

Subsoil subsurface material comprising the B and C horizons of soils with distinct profiles. They often have brighter colours and higher clay content than topsoils.

Suspended Solids (SS) matter, which is suspended in water, which will not pass through a 0.45 µm filter membrane.

Texture is the size of particles in the soil. Texture is divided into six groups, depending on the amount of coarse sand, fine sand, silt and clay in the soil.

Topsoil part of the soil profile, typically the A1 horizon, containing material, which is usually darker, more fertile and better, structured than the underlying layers.

Total Acidity (TA) difference between the soil CEC and ANC.

Total Actual Acidity (TAA) moles of titratable protons per unit mass of soil displaced by an un-buffered KCl solution, otherwise known as the salt-replaceable acidity.

Toxicity the inherent potential or capacity of a material to cause adverse effects in a living organism.

Transmissivity rate at which water is transmitted through a unit width aquifer under a unit hydraulic gradient.

Unsaturated zone vadose zone. The zone between the land surface and the water table, in which the rock or soil pores contain both air and water.

Upper Confidence Limit (UCL) is the upper confidence Interval of a two-sided estimated interval of a parameter. This interval is expected to include the true value of the parameter with a specified confidence percentage, e.g., 95% of such intervals are expected to include the true values of the estimated parameters.

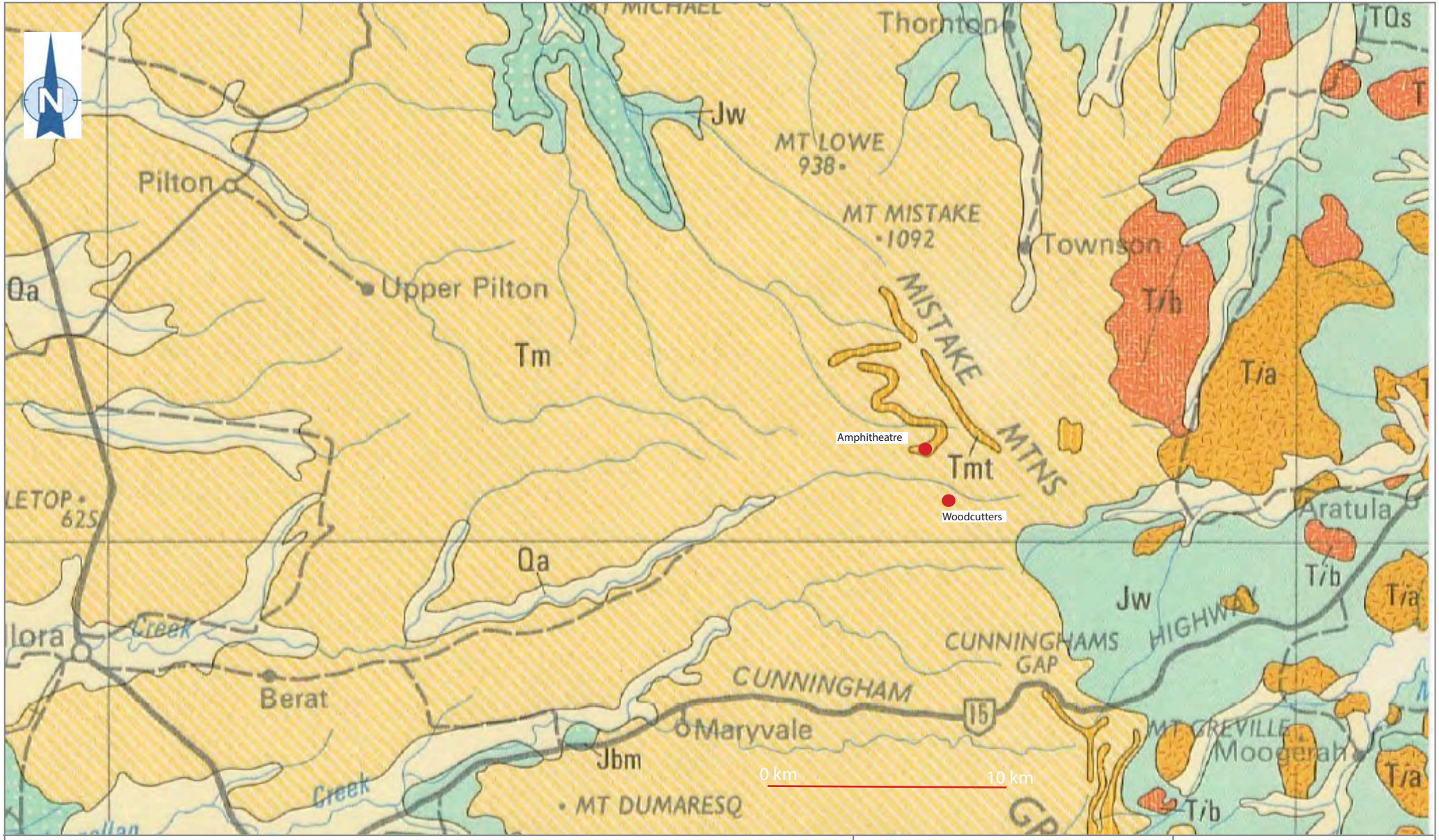
Water table interface between the saturated zone and unsaturated zones. The surface in an aquifer at which pore water pressure is equal to atmospheric pressure.

FIGURES



Legend

moretonenvironmental		Title:	Location Map
		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	Google Earth
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 1

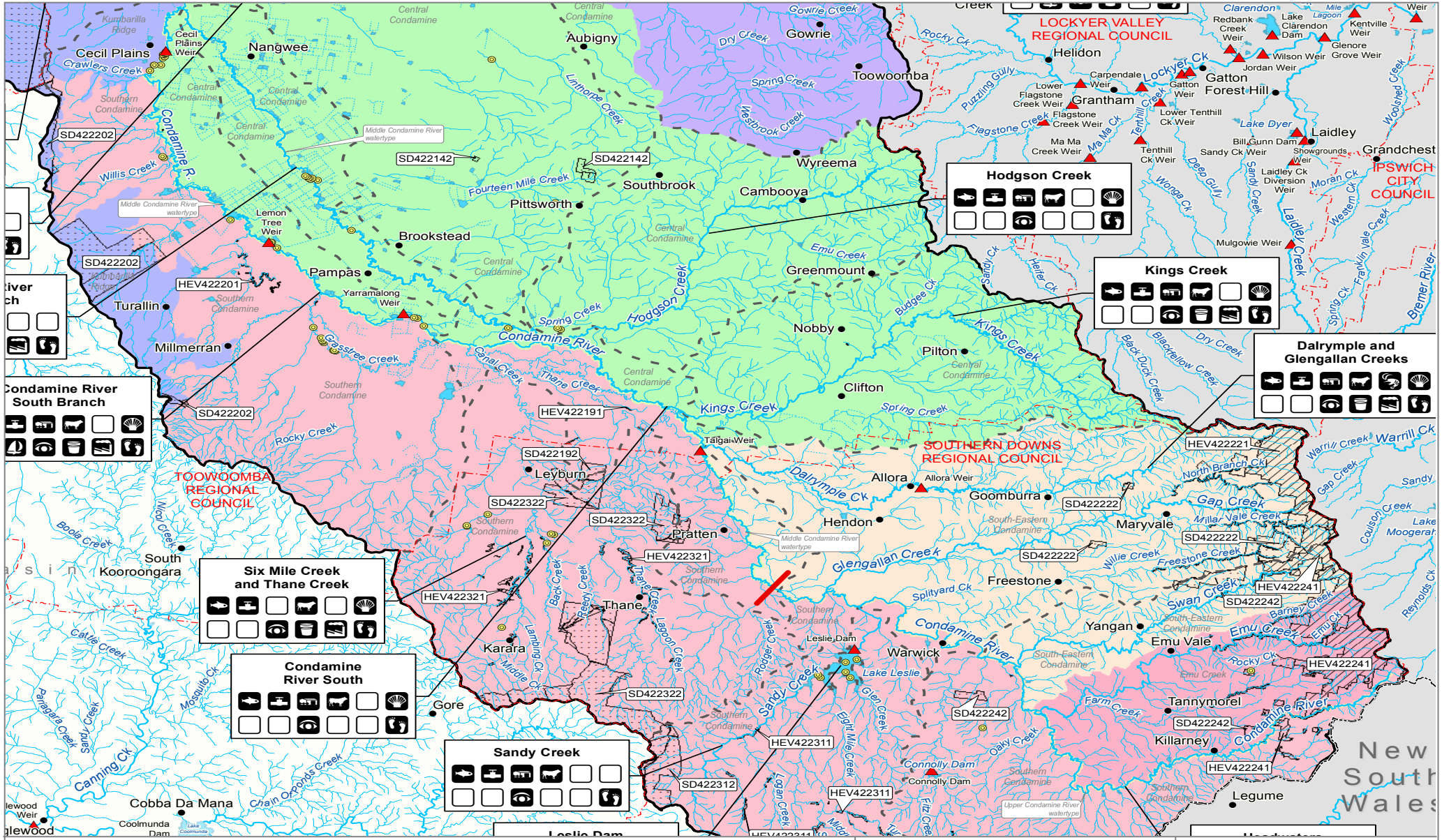


Legend

Main Range Volcanics - *Basalt, agglomerate, shale, dolomite*

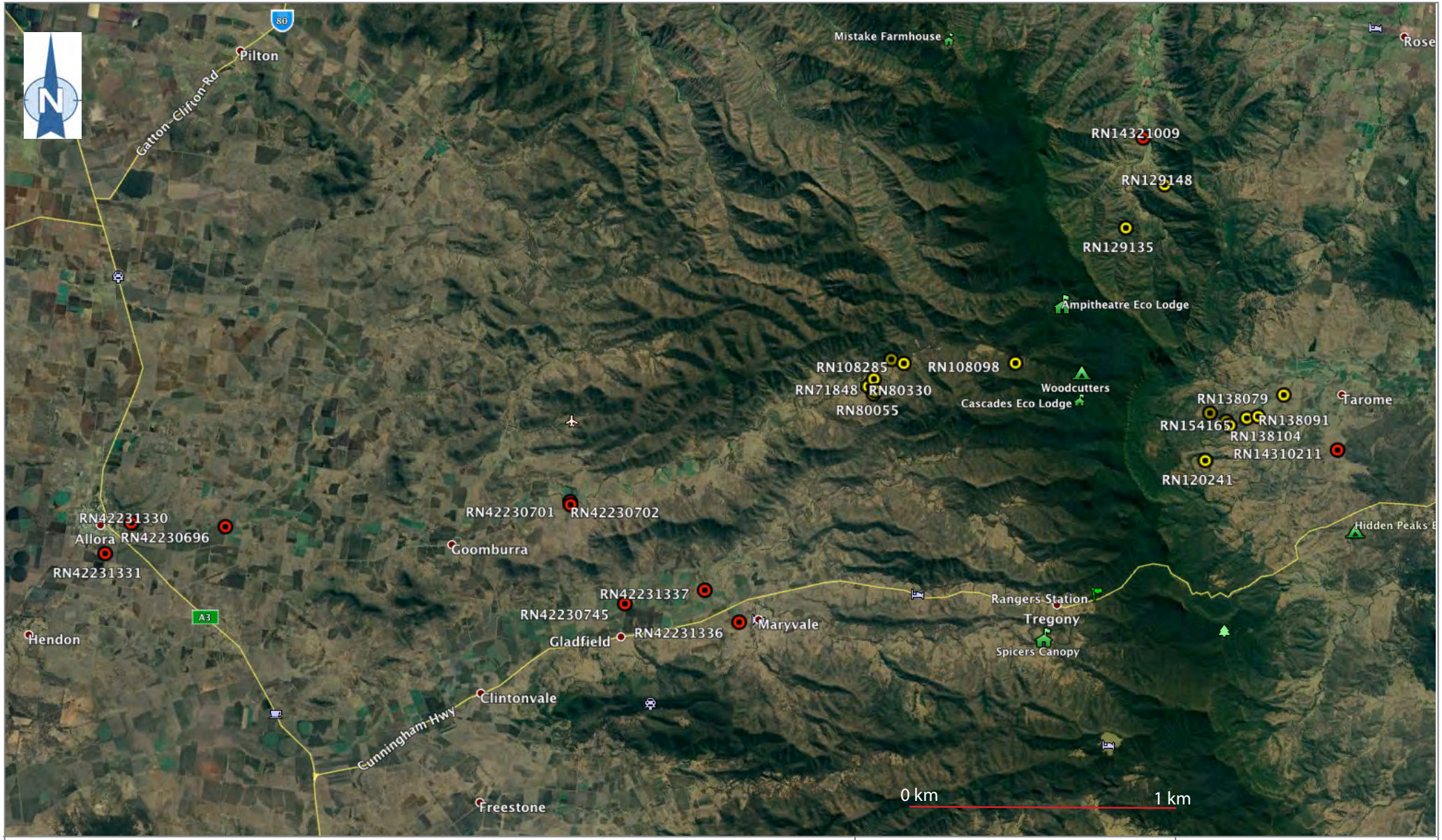
Flood Plains, river terraces

moretonenvironmental		Title:	Geology
		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 2



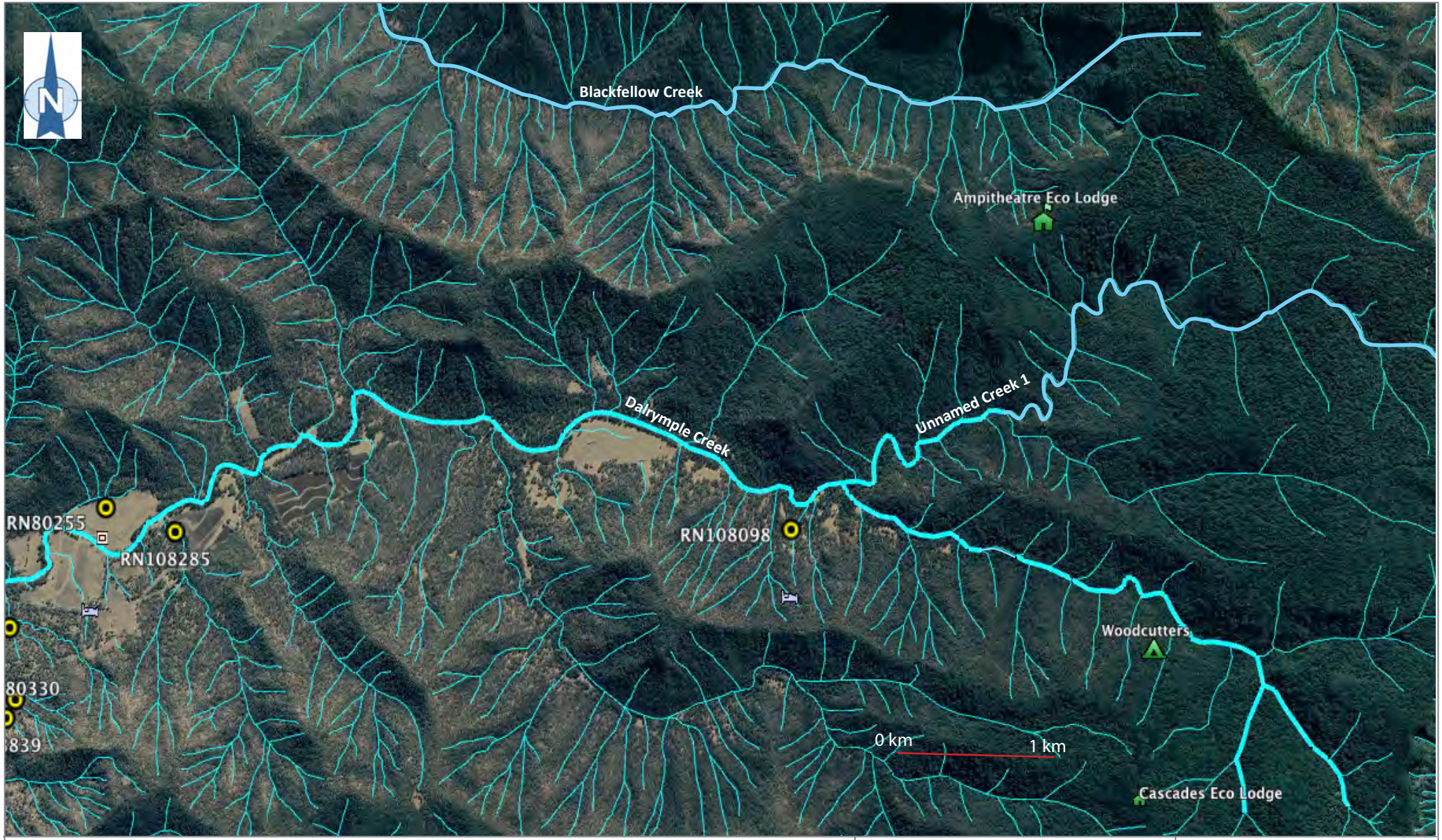
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Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar — Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 — Page : 3



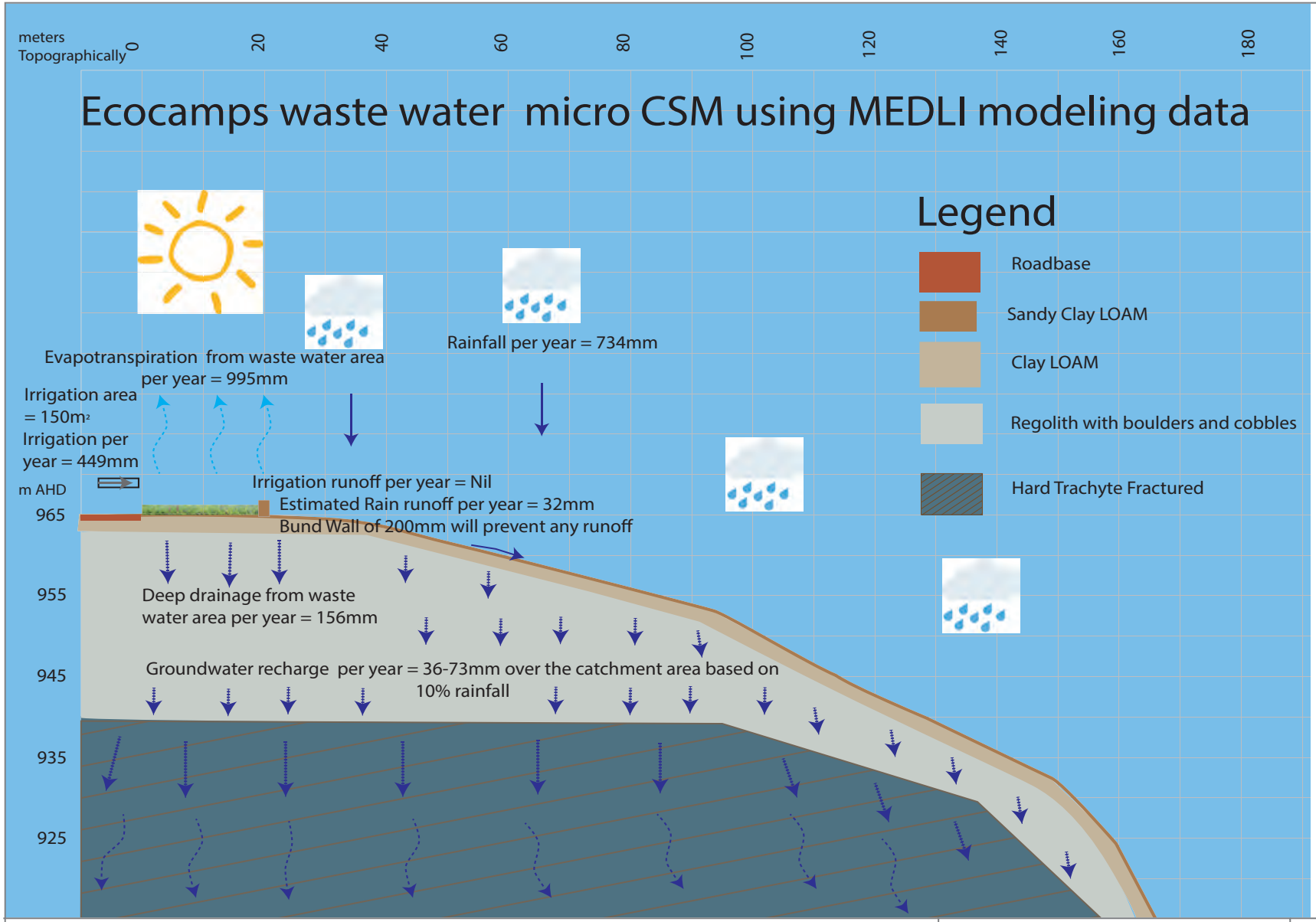
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moretonenvironmental		Title:	Bore Search
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Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 4



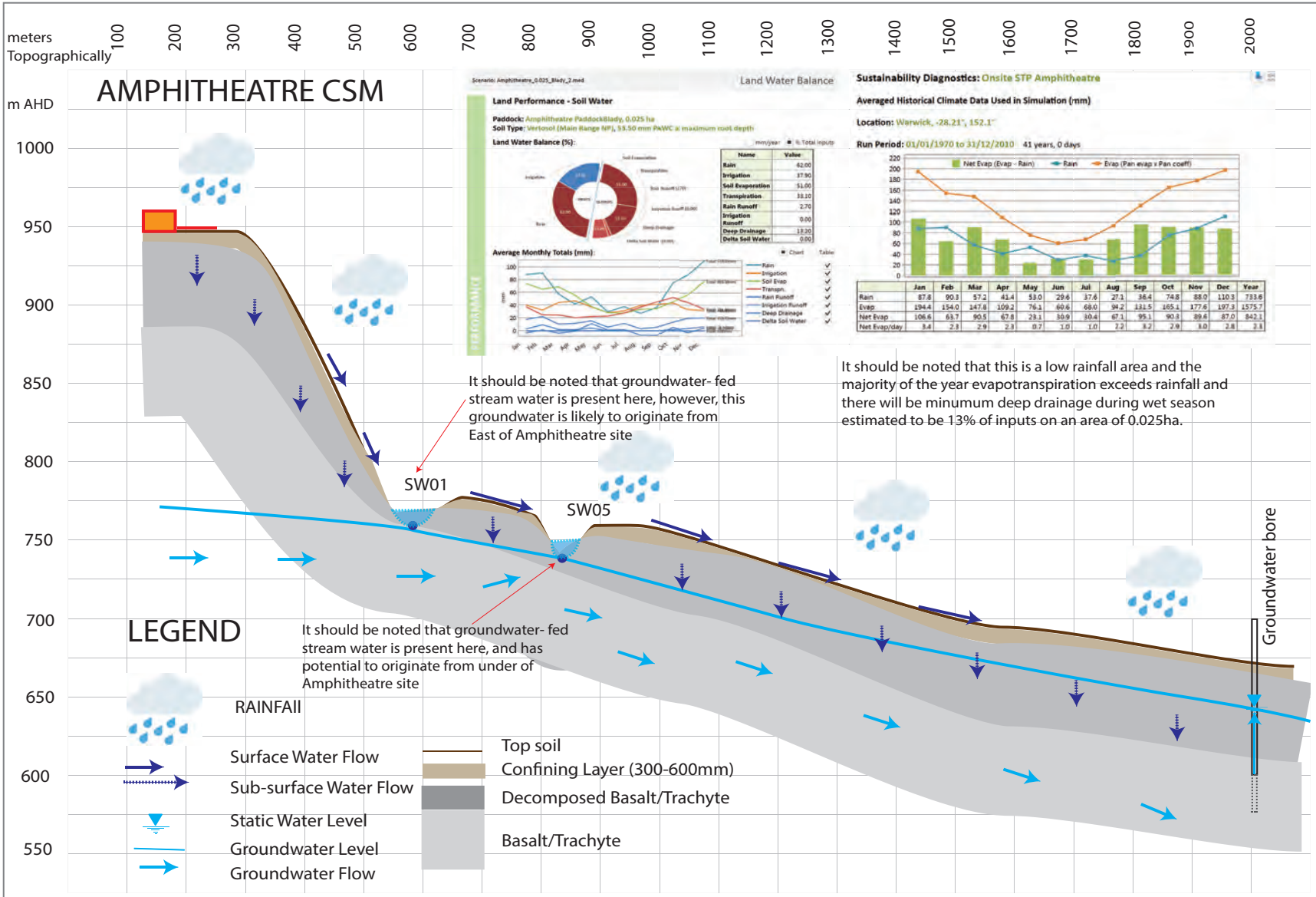
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moretonenvironmental		Title:	Creeks and Watercourses
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Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 5



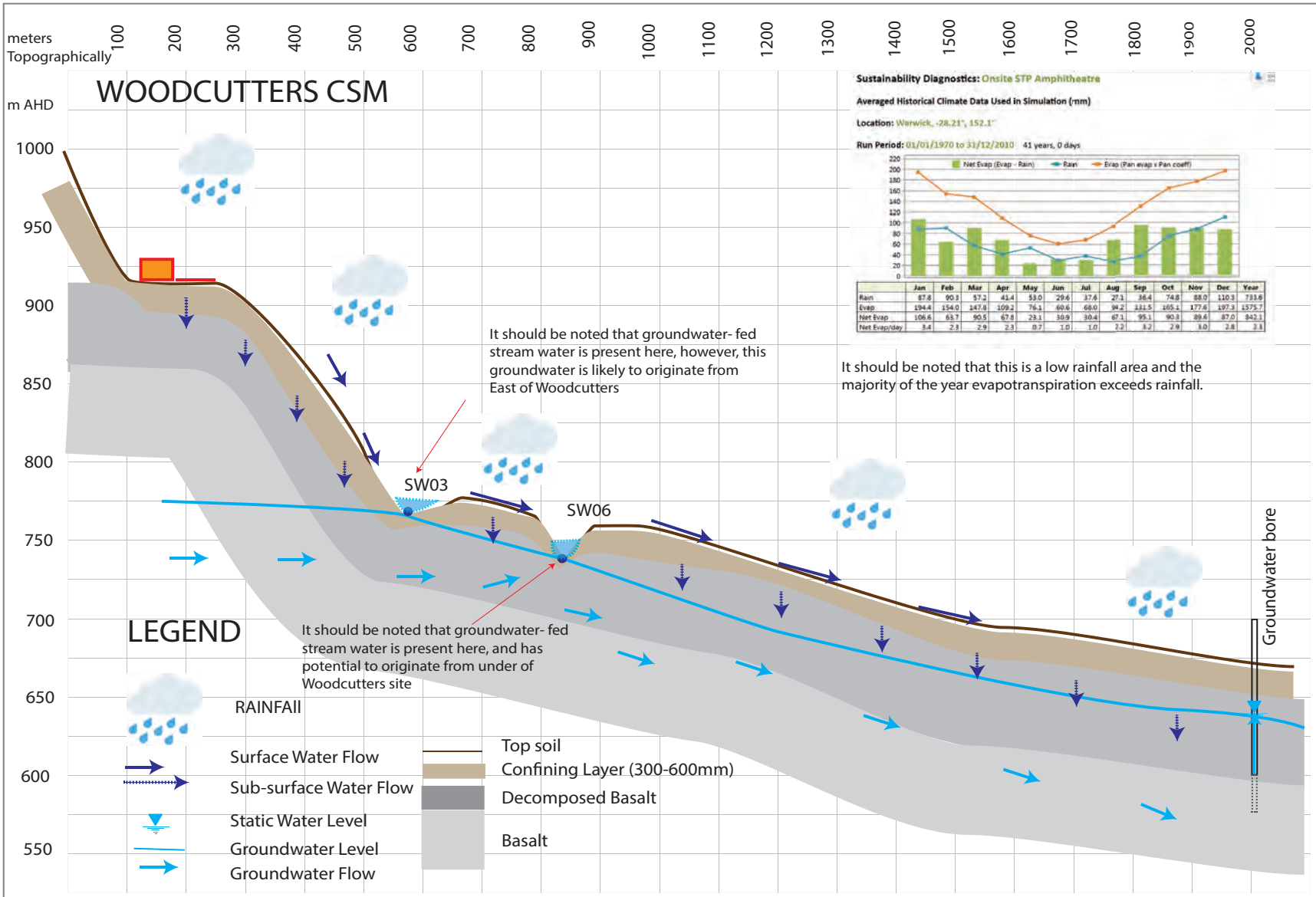
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moretonenvironmental		Title:	EcoCamps Waste Water Micro CSM using MEDLI Data
		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 6



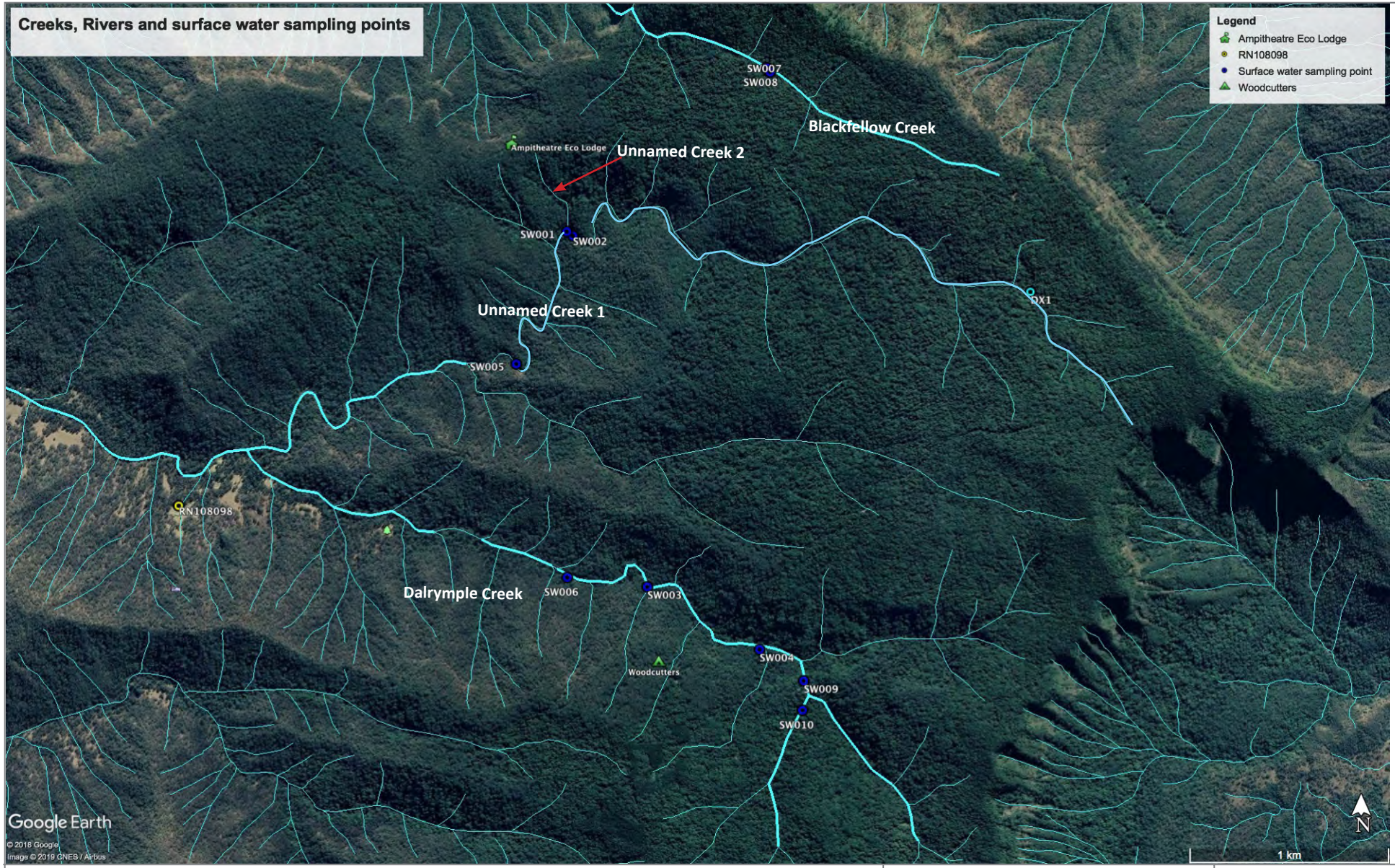
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		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 7



Legend

moretonenvironmental		Title:	Woodcutters Groundwater Conceptual Site Model
		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 8



Legend

SW01

Surface Water Monitoring Point

Resource Groundwater Bore

moretonenvironmental

		Title:	Recommended Surface Water Sampling
		Location:	Main Range National Park, Queensland
Client:	Spicers Retreats Hotels & Lodges Pty Ltd	Source:	
Drawn by:	Dan Morton	Scale:	Scale Bar Job No: 18006
Project Manager:	Dan Morton	Date:	April 2019 Page : 9

TABLES

Table 11: Water Analysis March and April 2019

| | | |

Table 34: Water Analysis March and April 2019

					REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
Matrix:	WATER	Sample Type:			EB1905575001	EB1908685001	EB1909312001	EB1905575002	EB1908685002	EB1909312002	EB1905575003	EB1908685003	EB1909312003	EB1905575004	EB1908685004	EB1909312004
Workgroup:	EB1905575	ALS Sample Number:														
Project name/number:	18006_Scenic Rim Trail	Sample Date:			05/03/2019	03/04/2019	10/04/2019	05/03/2019	03/04/2019	10/04/2019	05/03/2019	03/04/2019	10/04/2019	05/03/2019	03/04/2019	10/04/2019
		Client sample ID (1st):			SW01	SW01	SW01	SW02	SW02	SW02	SW03	SW03	SW03	SW04	SW04	SW04
		Site:			Amphitheatre	Amphitheatre	Amphitheatre	Amphitheatre	Amphitheatre	Amphitheatre	Woodcutters	Woodcutters	Woodcutters	Woodcutters	Woodcutters	Woodcutters
		Purchase Order:			18006	18006	18006	18006	18006	18006	18006	18006	18006	18006	18006	18006
			LOR	WQO												
Analyte grouping/Analyte	**CAS Numb**	**Unit**														
Copper	7440-50-8	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	mg/L	0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
EG020T: Total Metals by ICP-MS																
Arsenic	7440-38-2	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	mg/L	0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	mg/L	0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	mg/L	0.001		0.001	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.001**
Zinc	7440-66-6	mg/L	0.005		**0.007**	**0.009**	<0.005	**<0.005**	<0.005	<0.005	**<0.005**	<0.005	<0.005	**<0.005**	<0.005	<0.005
EK040P: Fluoride by PC Titrator																
Fluoride	16984-48-8	mg/L	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nutrients																
Ammonia as N	7664-41-7	mg/L	0.01	40	0.02	<0.01	**0.04**	0.02	**0.01**	**0.06**	0.01	<0.01	**0.04**	0.02	<0.01	**0.04**
Nitrite as N	14797-65-0	mg/L	0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	14797-55-8	mg/L	0.01		**0.06**	**0.03**	**0.29**	**0.06**	**0.04**	**0.51**	**0.04**	**0.14**	**0.04**	**0.64**	**0.14**	**0.08**
Nitrite + Nitrate as N		mg/L	0.01	0.275	**0.06**	**0.03**	**0.29**	**0.06**	**0.04**	**0.51**	**0.04**	**0.14**	**0.04**	**0.64**	**0.14**	**0.08**
Total Kjeldahl Nitrogen as N		mg/L	0.1		**0.4**	**0.2**	**0.2**	**0.1**	**0.3**	**0.5**	**<0.1**	**0.2**	**0.1**	**0.2**	**0.3**	**0.2**
Total Nitrogen as N		mg/L	0.1	1.51	**0.5**	**0.2**	**0.5**	**0.2**	**0.3**	**1**	**<0.1**	**0.3**	**0.1**	**0.8**	**0.4**	**0.3**
Total Phosphorus as P		mg/L	0.01	0.56	**0.17**	**0.08**	**0.07**	**0.06**	**0.1**	**0.09**	**0.06**	**0.08**	**0.07**	**0.06**	**0.1**	**0.08**
Reactive Phosphorus as P	14265-44-2	mg/L	0.01	0.13	**0.08**	**0.09**	**0.07**	**0.08**	**0.09**	**0.07**	**0.09**	**0.1**	**0.07**	**0.09**	**0.1**	**0.07**
EN055: Ionic Balance																
Total Anions		meq/L	0.01		**1.14**	**1.12**	**1.12**	**1.07**	**1.02**	**1.06**	**1.21**	**1.16**	**1.15**	**1.05**	**1.08**	**1.11**
Total Cations		meq/L	0.01		**1.03**	**1.05**	**1.1**	**1.16**	**1**	**1.05**	**1.24**	**1.12**	**1.14**	**1.16**	**1.12**	**1.06**
MW006: Faecal Coliforms & E.coli by MF																
Escherichia coli		CFU/100mL	1		**~6700**		**10**	**40**		**~3**	**~7**		**<1**	**1**		**14**

Table 34: Water Analysis March and April 2019

| | | |

Table 34: Water Analysis March and April 2019

| | | |

APPENDIX A PHOTOGRAPHIC LOGS



Photo 1 : Looking north from Amphitheatre site across to opposite cliffs



Photo 2 : Looking north from Amphitheatre site across to opposite cliffs



Photo 3 : Looking north from Amphitheatre site across to opposite cliffs



Photo 4 : Flow at DX1, on Creek 01



Photo 5 : Looking upgradient of Woodcutters site

moretonenvironmental	Title: Photographic Log
Client: Spicers Retreats Hotels & Lodges Pty Ltd	Location: Main Range National Park, Queensland
	Source: Moreton Environmental
Drawn by: Dan Morton	Job No: 18006
Project Manager: Dan Morton	Date: March 2019 Plate : 01



Photo 6 : View north from Amphitheatre site of opposite cliff



Photo 7 : Gully below Amphitheatre, no evidence of flow



Photo 8 : Creek 1 downstream of gully, separate basalt flows on creek bank

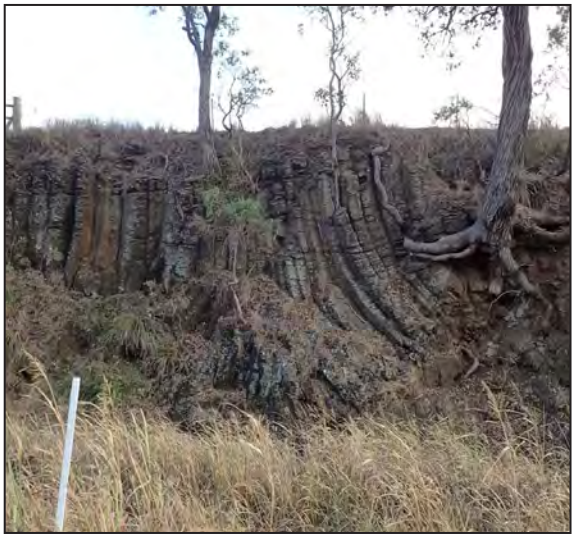


Photo 9 : Maryvale, lava pool in road cutting, forming curved basalt columns



Photo 10 : Creek 2 at upstream sampling point (SW04)



Photo 11 : Creek 1 at downstream sampling point (SW02)

moretonenvironmental	Title: Photographic Log
Client: Spicers Retreats Hotels & Lodges Pty Ltd	Location: Main Range National Park, Queensland
	Source: Moreton Environmental
Drawn by: Dan Morton	Job No: 18006
Project Manager: Dan Morton	Date: March 2019 Plate : 02



Photo 12 : Crosby Park, Upper Laidley Creek. View to southeast of trachyte cliffs to north of Amphitheatre



Photo 13 : Crosby Park, Upper Laidley Creek. View downstream of dry creek bed



Photo 14 : Tarome, near Warrill Creek



Photo 15: Tarome, near Warrill Creek, view southwest to The Ramparts, several horizontal basalt flow layers can be seen. Cunningham's Gap is to the far left.

moretonenvironmental	Title: Photographic Log
Client: Spicers Retreats Hotels & Lodges Pty Ltd	Location: Main Range National Park, Queensland
	Source: Moreton Environmental
Drawn by: Dan Morton	Job No: 18006
Project Manager: Dan Morton	Date: March 2019 Plate : 03

APPENDIX B FIELD NOTES AND BORE CARDS

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OBSERVATIONS 18006

SAMPLE ID: SW1	DATE: 5/3/19
OPERATIVE JH	GPS COORDINATES
WEATHER Some cloud	

FIELD OBSERVATIONS

Temp °C 18.5	DO mg/L ~~6~~ 7.1
SPC µS/cm 136	C µS/cm 118
TDS mg/L 90	pH 6.6
pH mV ~~6~~	ORP mV 235

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OBSERVATIONS 18006

SAMPLE ID: SW2	DATE: 5/3/19
OPERATIVE JH	GPS COORDINATES
WEATHER	
FIELD OBSERVATIONS	
Temp °C 18.5	DO mg/L 6.8
SPC µS/cm 131	C µS/cm 115
TDS mg/L 85	pH 6.1
pH mV 32	ORP mV 267

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OBSERVATIONS 18006

SAMPLE ID: SW3	DATE: 5/3/19
OPERATIVE JH	GPS COORDINATES
WEATHER Some cloud cover	
FIELD OBSERVATIONS	
Temp °C 18.5	DO mg/L 8.3
SPC µS/cm 118	C µS/cm 163
TDS mg/L 77	pH 6.6
pH mV +1.1	ORP mV 234

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OBSERVATIONS 18006

SAMPLE ID: SW 4	DATE: 5/3/19
OPERATIVE JH	GPS COORDINATES
WEATHER Some cloud cover	
FIELD OBSERVATIONS	
Temp °C 18.7	DO mg/L 7.0
SPC µS/cm 153	C µS/cm 134
TDS mg/L 97	pH 6.6
pH mV 3	ORP mV 230

EQUIPMENT INFORMATION / CALIBRATION CERTIFICATE

Instrument: Horiba U52 1B

Serial Number: WMRDUFD8

EQUIPMENT CHECK	Enclosed	Comment
WQM	✓	
Manual	✓	
Probe Cluster	✓	
In situ monitoring cage	✓	
Spare Batteries / Screwdriver	✓	

SENSOR CALIBRATION DETAILS

	Calibration Undertaken	Accuracy	Pass	Fail
Temperature	Factory Calibrated	±0.2°C	✓	
Dissolved Oxygen	8.92mg/L	±2%	✓	
Conductivity	4.49mS/cm	±0.5	✓	
pH	pH 4.00	±0.2%	✓	
ORP	229 mV at 25 °C	±30mV	✓	
Turbidity	0 NTU	0 NTU	✓	

This is to certify that where possible, this instrument has been calibrated in accordance with the manufacturer's calibration procedure as recommended in the instrument service manual.

ECO Standard Rental Terms & Conditions apply to all equipment calibrations.

Regards

Geremy Kil

Equipment Specialist
ECO Environmental

02-Apr-2019

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OBSERVATIONS 18006

SAMPLE ID:	SW01	DATE:	3-4-2018
OPERATIVE	DM	GPS COORDINATES	-27.96691
WEATHER	Clear		152.35646
FIELD OBSERVATIONS			
Temp °C	15.03	DO mg/L	9.98
pH	7.24	DO %	102.3
pHmv	2	TDS mg/L	0.059
ORP mV	272	ppt	0
EC mS/cm	0.091	ot	0
NTU	2.4		

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OBSERVATIONS 18006

SAMPLE ID:	SW04	DATE:	3/4/19
OPERATIVE	DM	GPS COORDINATES	27° 59.004
WEATHER	Overcast		152° 21.682
FIELD OBSERVATIONS			
Temp °C	14.57	DO mg/L	10.54
pH	6.54	DO %	107.0
pHmv	35	TDS mg/L	0.062
ORP mV	262	ppt	0
EC mS/cm	0.096	ot	0
NTU	1.5		0

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OBSERVATIONS 18006

SAMPLE ID: SW05	DATE: 3-4-19
OPERATIVE	GPS COORDINATES -27.97315 152.35393
WEATHER	

FIELD OBSERVATIONS

Temp °C 16.36	DO mg/L 10.62
pH 7.36	DO % 111.7
pHmv -5	TDS mg/L 0.064
ORP mV 253	ppt 0
EC mS/cm 0.099	ot 0
NTU 1.5	

ECO Environmental

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brisbane@ecoenvironmental.com.au
www.ecoenvironmental.com.au
Unit 2B, 6 Edmondstone Road, Bowen Hills QLD 400

Water Quality Meter – Calibration Certificate

Instrument: Horiba U52

Serial No: WMRDUFD8

Items			
Items	**Id No.**	**Sent**	**Returned**
WQM	WMRDUFD8	X	
Manual	N/A	X	
Probe Cluster	N/A	X	
In situ monitoring cage	N/A	X	
Spare Batteries / Screwdriver	N/A	X	

Calibration Results		
Parameter	**Standard**	**Result**
Temperature	Factory Calibrated (^{0}C)	25 (^{0}C)
pH	4.00 Units	4.01 Units
Conductivity	4.49 mS/cm	4.49mS/cm
DO	8.92 mg/l	8.92mg/l
Redox	229 mV @ 25° C	229mV
Turbidity	0 NTU	0.0 NTU

Date: 11.01.2019

Calibrated by: _____

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OBSERVATIONS 18006

SAMPLE ID: SW02	DATE: 3/4/19
OPERATIVE DM	GPS COORDINATES 27-96715 152-35678
WEATHER Clear	

FIELD OBSERVATIONS	
Temp °C 15-35	DO mg/L 10-23
pH 7-30	DO % 105-5
pHmv -2	TDS mg/L 0-056
ORP mV 266	ppt 0
EC mS/cm 0-086	ot 0
NTU 2-6	

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OBSERVATIONS 18006

SAMPLE ID: SW06	DATE: 3/4/2019
OPERATIVE DM	GPS COORDINATES 27°58.976 152°21.392
WEATHER Cloudy	

FIELD OBSERVATIONS	
Temp °C 15.01	DO mg/L 10.47
pH 5.32	DO % 107.0
pHmv 96	TDS mg/L 0.068
ORP mV 299	ppt 0.0
EC mS/cm 0.105	ot 0.0
NTU 1.9	

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OBSERVATIONS 18006

SAMPLE ID: SW07	DATE: 3/4/19
OPERATIVE DM	GPS COORDINATES 27°57.586 152°22.011
WEATHER Overcast	

FIELD OBSERVATIONS	
Temp °C 13.96	DO mg/L 10.12
pH 6.76	DO % 101.3
pHmv 25	TDS mg/L 0.058
ORP mV 247	ppt 0.0
EC mS/cm 0.089	ot 0.0
NTU 2.6	

DUP01 & DUP02

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OBSERVATIONS 18006

SAMPLE ID: SW08	DATE: 3-4-2019
OPERATIVE DM	GPS COORDINATES 27°57.574
WEATHER Overcast	152°22.002
FIELD OBSERVATIONS	
Temp °C 13.90	DO mg/L 9.94
pH 6.41	DO % 99.5
pHmv 42	TDS mg/L 0.047
ORP mV 237	ppt 0.0
EC mS/cm 0072	ot 0.0
NTU 2.0	

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OBSERVATIONS 18006

SAMPLE ID: SW03	DATE: 3-4-19
OPERATIVE DM	GPS COORDINATES 27° 58.999 152° 21.694
WEATHER Overcast.	
FIELD OBSERVATIONS	
Temp °C 14.55	DO mg/L 10.14
pH 6.83	DO % 102.9
pHmv 21	TDS mg/L 0.062
ORP mV 277	ppt 0
EC mS/cm 0.095	ot
NTU 1.4	

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OBSERVATIONS 18006

SAMPLE ID: SW09	DATE: 3-4-19
OPERATIVE DM	GPS COORDINATES 27° 59.260 152° 22.115
WEATHER Overcast	

FIELD OBSERVATIONS	
Temp °C 14.45	DO mg/L 10.69
pH 7.25	DO % 108.1
pHmv 1	TDS mg/L 0.057
ORP mV 275	ppt 0
EC mS/cm 0.087	ot 0
NTU 3.7	

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OBSERVATIONS 18006

SAMPLE ID: SW10	DATE: 3-4-19
OPERATIVE DM	GPS COORDINATES 27° 59·341' 152° 22·111'
WEATHER Overcast.	
FIELD OBSERVATIONS	
Temp °C 14·09	DO mg/L 11·48
pH 7·3	DO % 114·0
pHmv -2	TDS mg/L 0·053
ORP mV 262	ppt 0
EC mS/cm 0·082	ot 0
NTU 29·9	

EQUIPMENT INFORMATION / CALIBRATION CERTIFICATE

Instrument: Horiba U52 3B

Serial Number: NPK075WP

EQUIPMENT CHECK	Enclosed	Comment
WQM	✓	
Manual	✓	
Probe Cluster	✓	
In situ monitoring cage	✓	
Spare Batteries / Screwdriver	✓	

SENSOR CALIBRATION DETAILS

	Calibration Undertaken	Accuracy	Pass	Fail
Temperature	Factory Calibrated	±0.2°C	✓	
Dissolved Oxygen	8.92mg/L	±2%	✓	
Conductivity	4.49mS/cm	±0.5	✓	
pH	pH 4.00	±0.2%	✓	
ORP	229 mV at 25 °C	±30mV	✓	
Turbidity	0 NTU	0 NTU	✓	

This is to certify that where possible, this instrument has been calibrated in accordance with the manufacturer's calibration procedure as recommended in the instrument service manual.

ECO Standard Rental Terms & Conditions apply to all equipment calibrations.

Regards

Geremy Kil

Equipment Specialist
ECO Environmental

02-Apr-2019

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OBSERVATIONS 18006

SAMPLE ID: SW01	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER Fine.	
FIELD OBSERVATIONS	
Temp °C 17.58	DO mg/L 6.21
pH 6.58	DO % 66.9
pHmv 24	TDS mg/L 0.036
ORP mV 200	ppt 0
EC mS/cm 0.058	ot 0
NTU 0.0	

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OBSERVATIONS 18006

SAMPLE ID: SW02	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER Overcast.	
FIELD OBSERVATIONS	
Temp °C 18.38	DO mg/L 6.94
pH 6.90	DO % 76.1
pHmv 8	TDS mg/L 0.038
ORP mV 194	ppt 0.00
EC mS/cm 0.061	ot 0
NTU 0.0	

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OBSERVATIONS 18006

SAMPLE ID: SW03	DATE: 10-4-2019
OPERATIVE DM	GPS COORDINATES
WEATHER Fine	
FIELD OBSERVATIONS	
Temp °C 17.28	DO mg/L 5.79
pH 6.15	DO % 62.1
pHmv 44	TDS mg/L 0.037
ORP mV 209	ppt 0
EC mS/cm 0.060	ot 0
NTU 0.10	

Dupe 1a2

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OBSERVATIONS 18006

SAMPLE ID: SW04	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER Fine	
FIELD OBSERVATIONS	
Temp °C 17.15	DO mg/L 1.45
pH 6.66	DO % 19.7
pHmv 20	TDS mg/L 0.036
ORP mV 187	ppt 0
EC mS/cm 0.058	ot 0
NTU 6.0	

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OBSERVATIONS 18006

SAMPLE ID: SW05	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER Clear + Fine	
FIELD OBSERVATIONS	
Temp °C 18-54	DO mg/L 8.08
pH 6.85	DO % 86.6
pHmv 183	TDS mg/L 0.044
ORP mV 0.070	ppt 0
EC mS/cm 0.0	ot 0
NTU	

OBSERVATIONS 18006

SAMPLE ID: SW06	DATE: 10/4/19
OPERATIVE DM.	GPS COORDINATES 27°58.975
WEATHER Fine.	152° 21.391
FIELD OBSERVATIONS	
Temp °C 17.48	DO mg/L 5.62
pH 6.26	DO % 59.9
pHmv 39	TDS mg/L 0.044
ORP mV 201	ppt 0
EC mS/cm 0.071	ot 0
NTU 1.5	

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OBSERVATIONS 18006

SAMPLE ID: SW07	DATE: 10/4/2019
OPERATIVE DM	GPS COORDINATES
WEATHER Fine.	
FIELD OBSERVATIONS	
Temp °C 17.3	DO mg/L 6.23
pH 6.35	DO % 66.7
pHmv 34	TDS mg/L 0.061
ORP mV 179	ppt 0
EC mS/cm 0.099	ot 0
NTU 0.0	

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OBSERVATIONS 18006

SAMPLE ID: SW08	DATE: 10/4/19
OPERATIVE DM	GPS COORDINATES
WEATHER Fine	

FIELD OBSERVATIONS	
Temp °C 16.63	DO mg/L 4.27
pH 5.78	DO % 45.3
pHmv 61	TDS mg/L 0.028
ORP mV 191	ppt
EC mS/cm 0.046	ot 0
NTU 0.0	

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OBSERVATIONS 18006

SAMPLE ID: SW09	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER	
FIELD OBSERVATIONS	
Temp °C 16.75	DO mg/L 7.49
pH 6.54	DO % 79.5
pHmv 25	TDS mg/L 0.032
ORP mV 197	ppt 0
EC mS/cm 0.052	ot 0
NTU 2.8	

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OBSERVATIONS 18006

SAMPLE ID: SW10	DATE: 10-4-19
OPERATIVE DM	GPS COORDINATES
WEATHER Fine	
FIELD OBSERVATIONS	
Temp °C 16.78	DO mg/L 7.01
pH 6.65	DO % 74.0
pHmv 20	TDS mg/L 0.029
ORP mV 193	ppt 0
EC mS/cm 0.048	ot 0
NTU 0	

EAST

Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
108098	Sub-Artesian Facility	Existing	08/04/2005	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	RICHTER, WAYNE JOHN		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	G0305	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-58-47	**Basin**	4223
Longitude	152-20-12	**Sub-area**	610
GIS Latitude	-27.97965685	**Lot**	1
GIS Longitude	152.3367397	**Plan**	SP102833
Easting	434774		
Northing	6904874	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	N - New Series
Accuracy		**Map No**	5566
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **108098**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	09/04/2005	1	0.00	100.00	Plastic Casing	7.600	WT - Wall Thickness	140
A	09/04/2005	2	89.00	98.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	140
X	09/04/2005	3	12.50	100.00	Gravel Pack	5.000	GR - Gravel Size	190
X	09/04/2005	4	1.20	12.50	Grout			180
X	09/04/2005	5	0.00	1.20	Grout			190

Bore Report

From Year:

Strata Logs

8 *records for RN* **108098**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.50	BROWN SOIL
2	0.50	2.00	BROWN LOAMY SOIL
3	2.00	12.50	DECOMPOSED BASLAT & CLAYEY LOAM
4	12.50	25.00	SOFT BASALT WITH LAYERS OF BROWN DECO
5	25.00	25.50	FRACTURED BASALT
6	25.50	94.00	HARD BASALT WITH SOFT LAYERS *
7	94.00	95.00	BROKEN BASALT *
8	95.00	100.00	BASALT

Stratigraphies

0 *records for RN* **108098**

Aquifers

2 *records for RN* **108098**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	25.50	94.00	BSLT - Basic Volcanic						Y	VS	MAIN RANGE VOLCANICS
2	94.00	95.00	BSLT - Basic Volcanic	08/04/2005	-21.00	N	351US/CM	1.50	Y	VS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **108098**

Pump Tests Part 2

0 *records for RN* **108098**

Bore Conditions

0 *records for RN* **108098**

Elevations

0 *records for RN* **108098**

Water Analysis Part 1

0 *records for RN* **108098**

Water Analysis Part 2

0 *records for RN* **108098**

Bore Report

From Year:

Water Levels

0 *records for RN* **108098**

Wire Line Logs

0 *records for RN* **108098**

Field Measurements

0 *records for RN* **108098**

Special Water Analysis

0 *records for RN* **108098**

Bore Report

From Year:

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Obligations:

- You must not use the data for direct marketing or in breach of the privacy laws.

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
120241	Sub-Artesian Facility	Existing	05/03/2004	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name			
Driller Name	WAYNE RICHTER		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles	Water Supply		

Location

Latitude	28-00-48	**Basin**	1431
Longitude	152-24-38	**Sub-area**	
GIS Latitude	-28.0134398439	**Lot**	473
GIS Longitude	152.4104954364	**Plan**	CH312535
Easting	442051		
Northing	6901181	**Map Scale**	
Zone	56	**Map Series**	
Accuracy		**Map No**	
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

8 ***records for RN*** **120241**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	05/03/2004	1	0.00	25.91	Polyvinyl Chloride	7.600	WT - Wall Thickness	140
A	05/03/2004	2	19.81	24.39	Perforated or Slotted Casing	3.000	AP - Aperture Size	
A	05/03/2004	3	1.00	3.00	Gravel Pack	5.000	GR - Gravel Size	
A	05/03/2004	4	5.00	10.67	Gravel Pack	5.000	GR - Gravel Size	
A	05/03/2004	5	13.71	25.91	Cuttings or other fill between casing and hole wall			

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	05/03/2004	6	0.00	1.00	Grout			190
A	05/03/2004	7	3.00	5.00	Grout			180
A	05/03/2004	8	10.67	13.71	Grout			180

Strata Logs

5 *records for RN* **120241**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.30	BROWN SOIL
2	0.30	10.36	BROWN CLAY WITH DECOMPOSED BASALT
3	10.36	21.03	BASALT
4	21.03	23.78	FRACTURE
5	23.78	25.91	HARD GREY TO BLUE TO PURPLE ROCK

Stratigraphies

0 *records for RN* **120241**

Aquifers

1 *records for RN* **120241**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	21.03		BSLT - Basic Volcanic	05/03/2004	-3.00	N		16.25	Y	FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

1 *records for RN* **120241**

Pipe	Date	Rec	RN of Pumped Bore	Top (m)	Bottom (m)	Dist (m)	Meth	Test Types	Pump Type	Suction Set (m)	Q Prior to Test (l/s)	Dur of Q PR (mins)	Pres on Arriv (m)	Q on Arriv (l/s/)
A	05/03/2004	1	120241				PUM		AIR					

Pump Tests Part 2

1 *records for RN* **120241**

Bore Report

From Year:

Pipe	Date	Rec	Test Dur (mins)	SWL(m)	Recov Time (mins)	Resid DD (m)	Max DD or P RED (m)	Q at Max DD (l/s)	Time to Max DD (mins)	Max Q (l/s)	Calc Stat HD (m)	Design Yield (l/s)	Design BP (m)	Suct. Set (m)	Tmsy (m2/Day)	Stor
A	05/03/2004	1														

Bore Conditions

0 *records for RN* **120241**

Elevations

0 *records for RN* **120241**

Water Analysis Part 1

0 *records for RN* **120241**

Water Analysis Part 2

0 *records for RN* **120241**

Water Levels

0 *records for RN* **120241**

Wire Line Logs

0 *records for RN* **120241**

Field Measurements

1 *records for RN* **120241**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	05/03/2004		950							PU	Pump - Other or Flowing Bore	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **120241**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
134040	Sub-Artesian Facility	Existing	27/05/2006	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name			
Driller Name	RICHTER, WAYNE JOHN		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR & ROTARY MUD		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	24/07/2006	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-59	**Basin**	1431
Longitude	152-25-09	**Sub-area**	
GIS Latitude	-27.9997443	**Lot**	8
GIS Longitude	152.4190618	**Plan**	SP171786
Easting	442880		
Northing	6902690	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

6 ***records for RN*** **134040**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	27/05/2006	1	0.00	70.00	Polyvinyl Chloride	7.600	WT - Wall Thickness	140
A	27/05/2006	2	50.00	52.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	
A	27/05/2006	3	58.00	69.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	
A	27/05/2006	4	48.00	50.00	Gravel Pack			
A	27/05/2006	5	55.00	57.00	Gravel Pack			

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	27/05/2006	6	0.00	5.00	Grout			190

Strata Logs

18 *records for RN* **134040**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.40	BROWN CLAY
2	0.40	1.00	GREY CLAY
3	1.00	2.00	BROWN CLAYYE DECOMPOSED
4	2.00	8.00	CRUMBLY BROWN DECOMPOSED
5	8.00	11.50	BROWN CLAYEE DECOMPOSED
6	11.50	20.00	PINK/TAN CLAY
7	20.00	29.00	BROWN/GREY CLAY
8	29.00	30.50	HARD BROWN ROCK (OILY SHALE)
9	30.50	38.00	GREY CLAY
10	38.00	42.00	DARK GREEN CLAY
11	42.00	48.00	SOFT BASALT
12	48.00	53.00	BROWN DECOMPOSED *
13	53.00	55.00	BROKEN DECOMPOSED
14	55.00	58.00	GREY POWDERY CLAY
15	58.00	59.00	RED BROWN CLAY
16	59.00	64.00	BROKEN ROCK *
17	64.00	67.00	BROWN DECOMPOSED
18	67.00	70.00	BASALT

Stratigraphies

0 *records for RN* **134040**

Aquifers

2 *records for RN* **134040**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	48.00		SYNE - Intermediate Intrusive	27/05/2006	-36.00	N		0.50	Y	WZ	VOLCANICS - UNDIFF.
2	59.00		SYNE - Intermediate Intrusive			N			Y	FR	VOLCANICS - UNDIFF.

Pump Tests Part 1

1 *records for RN* **134040**

Pipe	Date	Rec	RN of Pumped Bore	Top (m)	Bottom (m)	Dist (m)	Meth	Test Types	Pump Type	Suction Set (m)	Q Prior to Test (l/s)	Dur of Q PR (mins)	Pres on Arriv (m)	Q on Arriv (l/s/)
A	27/05/2006	1	134040				PUM		AIR					

Pump Tests Part 2

1 *records for RN* **134040**

Pipe	Date	Rec	Test Dur (mins)	SWL(m)	Recov Time (mins)	Resid DD (m)	Max DD or P RED (m)	Q at Max DD (l/s)	Time to Max DD (mins)	Max Q (l/s)	Calc Stat HD (m)	Design Yield (l/s)	Design BP (m)	Suct. Set (m)	Tmsy (m2/Day)	Stor
A	27/05/2006	1	30	-36.00												

Bore Conditions

0 *records for RN* **134040**

Elevations

0 *records for RN* **134040**

Water Analysis Part 1

0 *records for RN* **134040**

Water Analysis Part 2

0 *records for RN* **134040**

Water Levels

0 *records for RN* **134040**

Wire Line Logs

0 *records for RN* **134040**

Bore Report

From Year:

Field Measurements

1 ***records for RN*** **134040**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	27/05/2006		1200							PU	Pump - Other or Flowing Bore	GB	Groundwater - from Bore

Special Water Analysis

0 ***records for RN*** **134040**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
138079	Sub-Artesian Facility	Existing	29/11/2005	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name	WR HOLDINGS LEX WILLS		
Driller Name	R HARCH		
Drill Company	HARCH DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 163	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	31/07/2007	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-26	**Basin**	1431
Longitude	152-26-30	**Sub-area**	
GIS Latitude	-27.9905556	**Lot**	32
GIS Longitude	152.4416667	**Plan**	SP137642
Easting	445098		
Northing	6903718	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	9342.22
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	ST, DO

Casing

6 ***records for RN*** **138079**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	29/11/2005	1	0.00	5.80	Steel Casing	6.400	WT - Wall Thickness	219
A	29/11/2005	2	0.00	27.40	Polyvinyl Chloride	5.900	WT - Wall Thickness	140
A	29/11/2005	3	7.30	27.40	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
X	29/11/2005	4	6.70	27.40	Gravel Pack	7.000	GR - Gravel Size	190
X	29/11/2005	5	0.00	2.40	Grout			270

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
X	29/11/2005	6	0.00	6.70	Grout			190

Strata Logs

10 *records for RN* **138079**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	2.40	TOPSOIL, CLAY
2	2.40	5.50	GRAVEL & BOULDERS
3	5.50	7.90	BLACK SHALE
4	7.90	8.50	FRACTURED BLACK SHALE (WB)
5	8.50	8.80	GREY SHALE
6	8.80	9.40	BLACK SHALE
7	9.40	17.40	GREY & BLACK SHALE LAYERS (WB)
8	17.40	22.30	GREY BASALT
9	22.30	25.00	BLACK SHALE
10	25.00	27.40	GREY SHALE

Stratigraphies

0 *records for RN* **138079**

Aquifers

1 *records for RN* **138079**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	7.90	17.40	SHLE - Shale	29/11/2005	-4.60	N	740 US/CM COND	5.30	Y	PS	WALLOON COAL MEASURES

Pump Tests Part 1

0 *records for RN* **138079**

Pump Tests Part 2

0 *records for RN* **138079**

Bore Report

From Year:

Bore Conditions

0 *records for RN* **138079**

Elevations

0 *records for RN* **138079**

Water Analysis Part 1

0 *records for RN* **138079**

Water Analysis Part 2

0 *records for RN* **138079**

Water Levels

1 *records for RN* **138079**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/11/2005		-4.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **138079**

Field Measurements

1 *records for RN* **138079**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	29/11/2005		740							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **138079**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
138091	Sub-Artesian Facility	Existing	28/11/2006	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name	WR HOLDINGS LEX WILLS		
Driller Name	R HARCH		
Drill Company	HARCH DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 163	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	31/07/2007	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-53	**Basin**	1431
Longitude	152-25-54	**Sub-area**	
GIS Latitude	-27.9980556	**Lot**	34
GIS Longitude	152.4316667	**Plan**	SP176978
Easting	444119		
Northing	6902883	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	9341.11
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	ST, DO

Casing

4 *records for RN* **138091**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	28/11/2005	1	0.00	50.30	Polyvinyl Chloride	5.900	WT - Wall Thickness	140
A	28/11/2005	2	25.00	44.20	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
X	28/11/2005	3	12.20	15.90	Gravel Pack	7.000	GR - Gravel Size	190
X	28/11/2005	4	0.00	12.20	Grout			190

Strata Logs

15 *records for RN* **138091**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	4.30	TOPSOIL, CLAY
2	4.30	4.60	BOULDERS & CLAY
3	4.60	9.10	CLAY
4	9.10	11.60	BOULDERS & CLAY
5	11.60	13.10	CLAY
6	13.10	13.70	BLACK SHALE
7	13.70	15.90	BLACK SHALE (SOAKAGE)
8	15.90	29.30	GREY SHALE
9	29.30	30.20	BROWN SHALE (WB)
10	30.20	32.90	GREY & BLACK SHALE LAYERS
11	32.90	33.60	BLACK SHALE & COAL
12	33.60	39.00	GREY & BLACK SHALE LAYERS (WB)
13	39.00	43.60	BASALT
14	43.60	46.60	GREY SHALE
15	46.60	50.30	GREY SANDSTONE

Stratigraphies

0 *records for RN* **138091**

Aquifers

1 *records for RN* **138091**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	29.30	39.00	SHLE - Shale	28/11/2005	-11.60	N	940 US/CM	1.30	Y	PS	WALLOON COAL MEASURES

Pump Tests Part 1

0 *records for RN* **138091**

Pump Tests Part 2

0 *records for RN* **138091**

Bore Conditions

0 *records for RN* **138091**

Bore Report

From Year:

Elevations

0 *records for RN* **138091**

Water Analysis Part 1

0 *records for RN* **138091**

Water Analysis Part 2

0 *records for RN* **138091**

Water Levels

1 *records for RN* **138091**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/11/2005		-11.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **138091**

Field Measurements

1 *records for RN* **138091**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	28/11/2005		940							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **138091**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
138104	Sub-Artesian Facility	Existing	05/10/2005	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name	IAN & FAY PETERS		
Driller Name	WAYNE RICHTER		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 0163	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	07/09/2007	**Data Owner**	
Roles	Water Supply		

Location

Latitude	28-00-04	**Basin**	1431
Longitude	152-25-13	**Sub-area**	
GIS Latitude	-28.0011397	**Lot**	2
GIS Longitude	152.4203052	**Plan**	SP171786
Easting	443003		
Northing	6902536	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	9341.11
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	ST, DO

Casing

4 ***records for RN*** **138104**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	05/10/2005	1	0.00	30.00	Polyvinyl Chloride	8.000	WT - Wall Thickness	174
A	05/10/2005	2	0.00	38.00	Polyvinyl Chloride	7.600	WT - Wall Thickness	140
A	05/10/2005	3	32.00	36.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	140
X	05/10/2005	4	0.00	5.00	Grout			200

Strata Logs

8 ***records for RN*** **138104**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.20	DARK BROWN SOIL
2	0.20	1.00	LIGHT BROWN SOIL SLIGHTLY CLAYEY
3	1.00	2.50	LIGHT BROWN CLAYEY DECOMPOSED BASALT
4	2.50	22.00	LIGHT BROWN DECOMPOSED BASALT
5	22.00	27.00	BROKEN DECOMPOSED
6	27.00	33.00	HARD BASALT
7	33.00	36.00	BROKEN BASALT (WB)
8	36.00	48.00	GREY CLAY

Stratigraphies

0 *records for RN* **138104**

Aquifers

1 *records for RN* **138104**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	33.00	36.00	TCHY - Intermediate Volcanic	05/10/2005	-27.00	N	450 US/CM COND	0.70	Y	PS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **138104**

Pump Tests Part 2

0 *records for RN* **138104**

Bore Conditions

0 *records for RN* **138104**

Elevations

0 *records for RN* **138104**

Water Analysis Part 1

0 *records for RN* **138104**

Water Analysis Part 2

0 *records for RN* **138104**

Water Levels

1 *records for RN* **138104**

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	05/10/2005		-27.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **138104**

Field Measurements

1 ***records for RN*** **138104**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	05/10/2005		450							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 ***records for RN*** **138104**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
145317	Sub-Artesian Facility	Existing	12/03/2007	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name			
Driller Name	WAYNE RICHTER		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	16/04/2007	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-49	**Basin**	1431
Longitude	152-24-46	**Sub-area**	
GIS Latitude	-27.9968886	**Lot**	9
GIS Longitude	152.4127592	**Plan**	SP171786
Easting	442259		
Northing	6903003	**Map Scale**	
Zone	56	**Map Series**	
Accuracy		**Map No**	
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **145317**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	12/03/2007	1	0.00	96.00	Polyvinyl Chloride	7.650	WT - Wall Thickness	140
A	12/03/2007	2	0.00	5.00	Grout			
A	12/03/2007	3	5.00	6.00	Cuttings or other fill between casing and hole wall			
A	12/03/2007	4	6.00	96.00	Gravel Pack	5.000	GR - Gravel Size	
A	12/03/2007	5	55.00	94.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	

Bore Report

From Year:

Strata Logs

16 ***records for RN*** **145317**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.50	SOIL, RED
2	1.50	19.00	BASALT, LIGHT BROWN, DECOMPOSED
3	19.00	20.50	BASALT
4	20.50	23.00	BASALT, BROKEN
5	23.00	42.00	BASALT, LIGHT BROWN, DECOMPOSED
6	42.00	49.00	BASALT, BROKEN
7	49.00	52.00	BASALT; CLAY, SANDY, GREY
8	52.00	56.00	BASALT
9	56.00	58.00	BASALT, BROKEN
10	58.00	60.00	BASALT, GREY, DECOMPOSED
11	60.00	64.00	CLAY, GREY, DECOMPOSED, TO CLAY, GREY
12	64.00	68.00	BASALT, SOFT
13	68.00	76.00	BASALT, BROWN, DECOMPOSED
14	76.00	82.00	CLAY, BROWN, SOFT
15	82.00	83.00	BASALT
16	83.00	96.00	BASALT, HARD AND SOFT

Stratigraphies

0 ***records for RN*** **145317**

Aquifers

1 ***records for RN*** **145317**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	56.00	92.00	BSLT - Basic Volcanic	12/03/2007	-48.00	N	810 US/CM	1.25	Y	WZ	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 ***records for RN*** **145317**

Bore Report

From Year:

Pump Tests Part 2	**0** ***records for RN*** **145317**
Bore Conditions	**0** ***records for RN*** **145317**
Elevations	**0** ***records for RN*** **145317**
Water Analysis Part 1	**0** ***records for RN*** **145317**
Water Analysis Part 2	**0** ***records for RN*** **145317**
Water Levels	**0** ***records for RN*** **145317**
Wire Line Logs	**0** ***records for RN*** **145317**
Field Measurements	**0** ***records for RN*** **145317**
Special Water Analysis	0 ***records for RN*** **145317**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
154165	Sub-Artesian Facility	Existing	28/10/2008	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description			
Parish	1854 - FASSIFERN		
Original Name	MCLEOD		
Driller Name	RICHTER, WAYNE JOHN		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 0163	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	14/11/2008	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-55	**Basin**	1431
Longitude	152-25-38	**Sub-area**	
GIS Latitude	-27.9986409	**Lot**	3
GIS Longitude	152.4271483	**Plan**	SP171786
Easting	443675		
Northing	6902816	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	M - Metric Series
Accuracy		**Map No**	9342-22
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

4 ***records for RN*** **154165**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	28/10/2008	1	0.00	95.00	Polyvinyl Chloride	7.600	WT - Wall Thickness	140
A	28/10/2008	2	60.00	95.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	140
X	28/10/2008	3	0.00	5.00	Grout			200
X	28/10/2008	4	5.00	95.00	Gravel Pack	5.000	GR - Gravel Size	200

Strata Logs

17 ***records for RN*** **154165**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.30	BROWN TOPSOIL
2	0.30	3.50	BROWN CLAYEY SOIL
3	3.50	15.00	LOOSE CRUMBLY DECOMPOSED BASALT
4	15.00	31.00	GREY CLAY
5	31.00	32.00	SOFT BROWN CLAYEY DECOMPOSED
6	32.00	37.40	GREY CLAY & COAL LAYERS
7	37.40	38.50	DARK BROWN CLAY
8	38.50	62.00	GRAY CLAY & COAL LAYERS
9	62.00	64.00	DECOMPOSED BASALT WITH GREEN & BROWN CLAY
10	64.00	65.00	GREEN BASALTY CLAY
11	65.00	71.30	HARD BASALT & BROWN CLAY
12	71.30	73.00	CLAY
13	73.00	73.50	BROWN DECOMPOSED
14	73.50	77.00	CLAY WITH THIN BASALT LAYERS
15	77.00	81.00	COAL
16	81.00	82.00	FINE GRAINED LIGHT GREY STONE WITH COAL & SHALE
17	82.00	95.00	HARD BASALT

Stratigraphies

0 *records for RN* **154165**

Aquifers

1 *records for RN* **154165**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	62.00		SYNE - Intermediate Intrusive	28/10/2008	-48.70	N	870 US/CM		Y	WZ	VOLCANICS - UNDIFF.

Pump Tests Part 1

0 *records for RN* **154165**

Bore Report

From Year:

Pump Tests Part 2

0 *records for RN* **154165**

Bore Conditions

0 *records for RN* **154165**

Elevations

0 *records for RN* **154165**

Water Analysis Part 1

0 *records for RN* **154165**

Water Analysis Part 2

0 *records for RN* **154165**

Water Levels

1 *records for RN* **154165**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/10/2008		-48.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **154165**

Field Measurements

1 *records for RN* **154165**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	28/10/2008		870							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **154165**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
14310211	Sub-Artesian Facility	Existing	04/06/2004	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description	SIMMONDS RD
Parish	1854 - FASSIFERN
Original Name	SITE 32
Driller Name	
Drill Company	BELLDALE ENTERPRISES
Const Method	ROTARY AIR - BLADES & HAMMER
Bore Line	
D/O File No	
R/O File No	
H/O File No	
Log Received Date	
Roles	Sub-Artesian Monitoring

Polygon	
Equipment	
RN of Bore Replaced	
Data Owner	NAP

Location

Latitude	28-00-35	**Basin**	1431
Longitude	152-27-46	**Sub-area**	
GIS Latitude	-28.00972431	**Lot**	
GIS Longitude	152.4626519	**Plan**	
Easting	447171		
Northing	6901604	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	
GPS Accuracy	50	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

7 ***records for RN*** **14310211**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	04/06/2004	1	0.00	21.00	Polyvinyl Chloride	3.000	WT - Wall Thickness	50
A	04/06/2004	2	21.00	33.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	50
A	04/06/2004	3	0.00	5.00	Grout			
A	04/06/2004	4	5.00	6.50	Cuttings or other fill between casing and hole wall			
A	04/06/2004	5	6.50	17.50	Cement or Grout Plug			

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	04/06/2004	6	17.50	18.00	Bentonite Seal			
A	04/06/2004	7	18.00	33.00	Gravel Pack			

Strata Logs

31 *records for RN* **14310211**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	CLAY dk brown-black to orange-brown
2			alluvial soil very stiff
3	1.00	3.00	CLAY sandy f-m orange-brown
4			alluvial soil stiff
5	3.00	4.00	SAND gravelly clayey f-c dk brown
6			alluvial soil medium dense to dense
7	4.00	6.00	CLAY gravelly sandy f-c orange-brown
8			alluvial soil stiff
9	6.00	9.00	GRAVEL clayey sandy f-c orange-brown
10			alluvial soil medium dense to dense
11	9.00	10.00	CLAY mottled pale grey orange-brown
12			residual soil stiff
13	10.00	14.00	CLAYSTONE mottled pale grey to pale
14			orange brown highly wthd
15	14.00	19.00	SANDSTONE clayey vf-f pale grey-dk
16			brown partly mottled pale orang-brown
17			minor SILTSTONE carbonaceous
18			laminated moderately wthd
19	19.00	23.00	SANDSTONE clayey f-m pale grey partly
20			carbonaceous/coaly fresh

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
21	23.00	24.00	SILTSTONE black & SANDSTONE 15%
22			clayey f-m pale grey carbonaceous
23			interlaminated
24	24.00	27.00	BASALT black olivine quartz crystals
25	27.00	28.00	As above with SILTSTONE 50% dk grey
26	28.00	29.00	SILTSTONE dk grey
27	29.00	32.00	SILTSTONE black & MUDSTONE/COAL 15%
28			pale buff/black carboanceous laminate
29	32.00	33.00	ACID INTRUSIVE fine-grained pale grey
30			transluscent disseminated black/green
31			mafic minerals

Stratigraphies

0 *records for RN* **14310211**

Aquifers

1 *records for RN* **14310211**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	14.00	28.00	BSLT - Basic Volcanic SDST - Sandstone	18/06/2004	-3.51	N			Y	PS	WALLOON COAL MEASURES

Pump Tests Part 1

0 *records for RN* **14310211**

Pump Tests Part 2

0 *records for RN* **14310211**

Bore Conditions

0 *records for RN* **14310211**

Elevations

2 *records for RN* **14310211**

Pipe	Date	Elevation (m)	Precision	Datum	Meas Point	Survey Source

Bore Report

From Year:

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	04/06/2004	163.67	GPS	Global Positioning System	AHD - Aust. Height Datum	R	Reference Point	
X	04/06/2004	163.00	GPS	Global Positioning System	AHD - Aust. Height Datum	N	Natural Surface	

Water Analysis Part 1

2 *records for RN* 14310211

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	04/06/2004	1	DNR	050139	21.00	AI	GB	6200	12.4		1226.72	1226.21	935	619	1.2	5.0	
A	03/05/2006	1	GCL	221366	4.00	BA	GB	3110	12.0	5	813.00	817.00	155	625	0.2	11.0	0.00

Water Analysis Part 2

2 *records for RN* 14310211

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	04/06/2004	1	354.0	34.1	372.0	<1.0		<1.0		370.0	50.0	<0.02	<0.1	44.0				
A	03/05/2006	1	319.0	7.6	62.0	0.0	<0.03	<2.0	<0.01	66.0	146.0	0.10	<2.0	36.0	<0.01	1.30	0.03	<0.03

Water Levels

35 *records for RN* 14310211

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/08/2004		-4.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/03/2005		-3.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/2005		-4.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/11/2005		-2.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2006		-2.48	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/05/2006		-3.07	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/07/2006		-3.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/10/2007		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/03/2008		-2.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/07/2008		-2.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/09/2008		-2.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/01/2009		-2.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/03/2009		-2.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/07/2009		-2.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2009		-2.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/2010		-2.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/2010		-1.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/07/2010		-2.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/2010		-1.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/06/2011		-1.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/2012		-1.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/07/2012		-1.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2012		-2.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/04/2013		-1.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/08/2013		-2.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/02/2014		-2.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/10/2014		-3.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/04/2015		-3.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	16/10/2015		-3.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	16/03/2016		-3.16	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2016		-2.18	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/07/2017		-2.79	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	NAP	1	Good - Actual Manual Measurements
A	12/12/2017		-2.25	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	NAP	1	Good - Actual Manual Measurements
A	26/04/2018		-2.50	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/11/2018		-3.68	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **14310211**

Field Measurements

1 ***records for RN*** **14310211**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	03/05/2006		3650							BA	Bailer - Other	GB	Groundwater - from Bore

Special Water Analysis

0 ***records for RN*** **14310211**

Bore Report

From Year:

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GOOMBURRA

Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
71848	Sub-Artesian Facility	Existing	14/01/1987	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	L37 RP193381		
Parish	2009 - GLADFIELD		
Original Name			
Driller Name			
Drill Company			
Const Method	ROTARY RIG WITH PERCUSSION HAM		
Bore Line			
D/O File No	W1657	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles			

Location

Latitude	27-59-06	**Basin**	4223
Longitude	152-16-58	**Sub-area**	
GIS Latitude	-27.985181282	**Lot**	37
GIS Longitude	152.282683527	**Plan**	RP193381
Easting	429461		
Northing	6904232	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	M - Metric Series
Accuracy		**Map No**	9342 23
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

3 ***records for RN*** **71848**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	14/01/1978	1	0.00	22.00	Plastic Casing	5.900	WT - Wall Thickness	125
A	14/01/1978	2	16.00	18.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	
A	14/01/1978	3	22.00	42.00	Open Hole			177

Strata Logs

11 ***records for RN*** **71848**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	BROWN SOIL DRILLER G EVANS
2	1.00	14.00	WEATHERED BASALT
3	14.00	17.00	BLUE BASALT
4	17.00	18.00	RED DECOMPOSED BASALT & WATER
5	18.00	26.00	BLUE BASALT
6	26.00	28.00	RED DECOMPOSED BASALT
7	28.00	42.00	BLUE BASALT WATER IN CRACKS AT 39 MET
902			14/01/1987 SWL -24.00 M TMP NUL C
903			14/01/1987 DISCH 25.9 M3D AIR TST
910	17.00	18.00	QUALITY DESCRIP/CONDUCT: POTABLE
911	39.00	40.00	QUALITY DESCRIP/CONDUCT: 430

Stratigraphies

2 *records for RN* **71848**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			MAIN RANGE VOLCANICS
DNR	2			MAIN RANGE VOLCANICS

Aquifers

2 *records for RN* **71848**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	17.00	18.00	BSLT - Basic Volcanic							WZ	MAIN RANGE VOLCANICS
2	39.00	40.00	BSLT - Basic Volcanic							FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **71848**

Pump Tests Part 2

0 *records for RN* **71848**

Bore Report

From Year:

Bore Conditions

0 *records for RN* **71848**

Elevations

0 *records for RN* **71848**

Water Analysis Part 1

2 *records for RN* **71848**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	14/01/1987	1	GCL	117922	3900.00		GB	450	8.4	22	450.00	350.00	155	215	1.2	2.1	1.10
A	29/06/1987	1	GCL	120459	41.00	PU	GB	970	8.1	46	810.00	580.00	360	460	2.2	1.7	2.00

Water Analysis Part 2

2 *records for RN* **71848**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	14/01/1987	1	79.0	0.7	7.6	8.0	0.00	165.0	0.10	2.7	66.0	0.80	0.0	2.9				
A	29/06/1987	1	76.0	1.2	41.0	63.0	0.01	550.0	0.02	4.5	72.0	0.10	0.5	0.0				

Water Levels

0 *records for RN* **71848**

Wire Line Logs

0 *records for RN* **71848**

Field Measurements

0 *records for RN* **71848**

Special Water Analysis

0 *records for RN* **71848**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
80055	Sub-Artesian Facility	Existing	08/10/1991	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	L35 RP193381
Parish	2009 - GLADFIELD
Original Name	
Driller Name	
Drill Company	
Const Method	ROTARY HAMMER DRILLER: G EVANS
Bore Line	
D/O File No	W1039
R/O File No	
H/O File No	
Log Received Date	
Roles	

Polygon	
Equipment	
RN of Bore Replaced	
Data Owner	

Location

Latitude	27-59-21	**Basin**	4223
Longitude	152-16-59	**Sub-area**	
GIS Latitude	-27.98922724	**Lot**	35
GIS Longitude	152.283151858	**Plan**	RP193381
Easting	429510		
Northing	6903784	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy		**Map No**	5965
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

2 ***records for RN*** **80055**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	08/10/1991	1	0.00	37.00	Plastic Casing	5.900	WT - Wall Thickness	125
A	08/10/1991	2	25.00	34.00	Perforated or Slotted Casing			

Strata Logs

10 ***records for RN*** **80055**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	11.00	BROWN TOPSOIL
2	11.00	16.00	WEATHERED BASALT
3	16.00	21.00	RED DECOM BASALT
4	21.00	28.00	BLUE BASALT
5	28.00	31.00	RED DECOM BASALT
6	32.00	35.00	HONEY BASALT QUARTZITE (WATER)
7	35.00	37.00	BLUE BASALT
902			08/10/1991 SWL 26.0 M
903			1.25 L/S AIR TEST
910			POTABLE

Stratigraphies

1 ***records for RN*** **80055**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	37.00	DALRYMPLE CREEK ALLUVIUM

Aquifers

1 ***records for RN*** **80055**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	32.00	35.00	BSLT - Basic Volcanic							VS	DALRYMPLE CREEK ALLUVIUM

Pump Tests Part 1

0 ***records for RN*** **80055**

Pump Tests Part 2

0 ***records for RN*** **80055**

Bore Conditions

0 ***records for RN*** **80055**

Elevations

0 ***records for RN*** **80055**

Bore Report

From Year:

Water Analysis Part 1

0 *records for RN* **80055**

Water Analysis Part 2

0 *records for RN* **80055**

Water Levels

1 *records for RN* **80055**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/10/1991		-26.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **80055**

Field Measurements

0 *records for RN* **80055**

Special Water Analysis

0 *records for RN* **80055**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
80255	Sub-Artesian Facility	Existing	02/06/1993	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	L2 RP193382		
Parish	2009 - GLADFIELD		
Original Name			
Driller Name			
Drill Company			
Const Method			
Bore Line			
D/O File No	W1097	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles			

Location

Latitude	27-58-42	**Basin**	4223
Longitude	152-17-22	**Sub-area**	610
GIS Latitude	-27.978405493	**Lot**	2
GIS Longitude	152.289319538	**Plan**	RP193382
Easting	430109		
Northing	6904987	**Map Scale**	
Zone	56	**Map Series**	
Accuracy		**Map No**	9342-32
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

2 *records for RN* **80255**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	02/06/1993	1	0.00	29.00	Steel Casing	6.350	WT - Wall Thickness	125
A	02/06/1993	2	15.00	26.00	Perforated or Slotted Casing			

Strata Logs

6 *records for RN* **80255**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	6.00	TOPSOIL
2	6.00	20.00	BASALT
3	20.00	21.00	HONEY BASAT *
4	21.00	31.00	BASALT
5	31.00	33.00	RED DECOMPOSED HONEY BASALT *
6	33.00	48.50	BASALT

Stratigraphies

0 *records for RN* **80255**

Aquifers

2 *records for RN* **80255**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	20.00	21.00	BSLT - Basic Volcanic			N			Y	VS	MAIN RANGE VOLCANICS
2	31.00	33.00	BSLT - Basic Volcanic	02/06/1993	-7.00	N	POTABLE	3.00	Y	VS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **80255**

Pump Tests Part 2

0 *records for RN* **80255**

Bore Conditions

0 *records for RN* **80255**

Elevations

0 *records for RN* **80255**

Water Analysis Part 1

0 *records for RN* **80255**

Water Analysis Part 2

0 *records for RN* **80255**

Water Levels

1 *records for RN* **80255**

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
X	02/06/1993		-7.00	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **80255**

Field Measurements

0 ***records for RN*** **80255**

Special Water Analysis

0 ***records for RN*** **80255**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
80330	Sub-Artesian Facility	Existing	10/09/1993	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	L36 RP193381		
Parish	2009 - GLADFIELD		
Original Name	DOMESTIC BORE ONLY		
Driller Name			
Drill Company			
Const Method	DRILLER: G EVANS ROTARY		
Bore Line			
D/O File No	GENERAL 381	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles			

Location

Latitude	27-59-16	**Basin**	4223
Longitude	152-16-50	**Sub-area**	
GIS Latitude	-27.987775933	**Lot**	36
GIS Longitude	152.280596692	**Plan**	RP193381
Easting	429258		
Northing	6903944	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy		**Map No**	9342-23
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

2 *records for RN* **80330**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	10/03/1993	1	0.00	29.00	Plastic Casing	5.900	WT - Wall Thickness	125
A	10/03/1993	2	14.00	26.00	Perforated or Slotted Casing			

Strata Logs

11 *records for RN* **80330**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	2.50	TOPSOIL
2	2.50	14.00	BLUE BASALT
3	14.00	15.00	RED DECOMPOSED BASALT (WATER)
4	15.00	17.00	BLUE BASALT
5	17.00	18.00	RED DECOMPOSED BASALT (WATER)
6	18.00	25.00	BLUE BASALT
7	25.00	25.50	RED DECOMPOSED BASALT (WATER)
8	25.50	29.00	BLUE BASALT
902			10/03/1993 SWL 12.0 METRES
903			0.75 L/S AIR TEST
910			POTABLE

Stratigraphies

3 *records for RN* **80330**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	29.00	MAIN RANGE VOLCANICS
DNR	2	0.00	29.00	MAIN RANGE VOLCANICS
DNR	3	0.00	29.00	MAIN RANGE VOLCANICS

Aquifers

3 *records for RN* **80330**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	14.00	15.00	BSLT - Basic Volcanic							WZ	MAIN RANGE VOLCANICS
2	17.00	18.00	BSLT - Basic Volcanic							WZ	MAIN RANGE VOLCANICS
3	25.00	25.50	BSLT - Basic Volcanic							WZ	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **80330**

Bore Report

From Year:

Pump Tests Part 2

0 *records for RN* **80330**

Bore Conditions

0 *records for RN* **80330**

Elevations

0 *records for RN* **80330**

Water Analysis Part 1

0 *records for RN* **80330**

Water Analysis Part 2

0 *records for RN* **80330**

Water Levels

1 *records for RN* **80330**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	10/03/1993		-12.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **80330**

Field Measurements

0 *records for RN* **80330**

Special Water Analysis

0 *records for RN* **80330**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
108098	Sub-Artesian Facility	Existing	08/04/2005	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	RICHTER, WAYNE JOHN		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	G0305	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-58-47	**Basin**	4223
Longitude	152-20-12	**Sub-area**	610
GIS Latitude	-27.97965685	**Lot**	1
GIS Longitude	152.3367397	**Plan**	SP102833
Easting	434774		
Northing	6904874	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	N - New Series
Accuracy		**Map No**	5566
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **108098**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	09/04/2005	1	0.00	100.00	Plastic Casing	7.600	WT - Wall Thickness	140
A	09/04/2005	2	89.00	98.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	140
X	09/04/2005	3	12.50	100.00	Gravel Pack	5.000	GR - Gravel Size	190
X	09/04/2005	4	1.20	12.50	Grout			180
X	09/04/2005	5	0.00	1.20	Grout			190

Bore Report

From Year:

Strata Logs

8 *records for RN* **108098**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.50	BROWN SOIL
2	0.50	2.00	BROWN LOAMY SOIL
3	2.00	12.50	DECOMPOSED BASLAT & CLAYEY LOAM
4	12.50	25.00	SOFT BASALT WITH LAYERS OF BROWN DECO
5	25.00	25.50	FRACTURED BASALT
6	25.50	94.00	HARD BASALT WITH SOFT LAYERS *
7	94.00	95.00	BROKEN BASALT *
8	95.00	100.00	BASALT

Stratigraphies

0 *records for RN* **108098**

Aquifers

2 *records for RN* **108098**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	25.50	94.00	BSLT - Basic Volcanic						Y	VS	MAIN RANGE VOLCANICS
2	94.00	95.00	BSLT - Basic Volcanic	08/04/2005	-21.00	N	351US/CM	1.50	Y	VS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **108098**

Pump Tests Part 2

0 *records for RN* **108098**

Bore Conditions

0 *records for RN* **108098**

Elevations

0 *records for RN* **108098**

Water Analysis Part 1

0 *records for RN* **108098**

Water Analysis Part 2

0 *records for RN* **108098**

Bore Report

From Year:

Water Levels

0 *records for RN* **108098**

Wire Line Logs

0 *records for RN* **108098**

Field Measurements

0 *records for RN* **108098**

Special Water Analysis

0 *records for RN* **108098**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
108285	Sub-Artesian Facility	Existing	23/09/2005	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	RICHTER, WAYNE JOHN		
Drill Company	WAYNE RICHTER DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	G0689	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	05/10/2005	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-58-47	**Basin**	4223
Longitude	152-17-39	**Sub-area**	
GIS Latitude	-27.9797822	**Lot**	1
GIS Longitude	152.2941409	**Plan**	SP102830
Easting	430584		
Northing	6904837	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	N - New Series
Accuracy		**Map No**	5566
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **108285**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	23/09/2005	1	0.00	85.00	Polyvinyl Chloride	7.600	WT - Wall Thickness	140
A	23/09/2005	2	43.00	83.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	140
X	23/09/2005	3	10.00	85.00	Gravel Pack	5.000	GR - Gravel Size	190
X	23/09/2005	4	0.00	9.00	Grout			250
X	23/09/2005	5	9.00	10.00	Grout			190

Bore Report

From Year:

Strata Logs

10 *records for RN* **108285**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	2.00	BLACK LOAMY SOIL
2	2.00	8.00	GRAVEL & LOAM
3	8.00	9.00	BROWN GRAVEL
4	9.00	12.50	BROWN DEOMPOSED
5	12.50	54.00	BASALT HARD & SOFT *
6	54.00	64.00	SOFT BROWN DECOMPOSED & SANDY CLAY *
7	64.00	69.00	MUDSTONE & BASALT *
8	69.00	72.00	HARD BASALT *
9	72.00	74.00	BREAK IN BASALT *
10	74.00	85.00	BASALT *

Stratigraphies

0 *records for RN* **108285**

Aquifers

6 *records for RN* **108285**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	12.50	54.00				N		0.60	Y	PS	MAIN RANGE VOLCANICS
2	54.00	64.00				N			Y	PS	MAIN RANGE VOLCANICS
3	64.00	69.00				N			Y	PS	MAIN RANGE VOLCANICS
4	69.00	72.00				N			Y	PS	MAIN RANGE VOLCANICS
5	72.00	74.00				N			Y	PS	MAIN RANGE VOLCANICS
6	74.00	85.00	BSLT - Basic Volcanic	23/09/2006	-8.00	N	COND 628 US/CM		Y	PS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **108285**

Pump Tests Part 2

0 *records for RN* **108285**

Bore Report

From Year:

Bore Conditions	**0**	***records for RN***	**108285**
Elevations	**0**	***records for RN***	**108285**
Water Analysis Part 1	**0**	***records for RN***	**108285**
Water Analysis Part 2	**0**	***records for RN***	**108285**
Water Levels	**0**	***records for RN***	**108285**
Wire Line Logs	**0**	***records for RN***	**108285**
Field Measurements	**0**	***records for RN***	**108285**
Special Water Analysis	0	***records for RN***	**108285**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
108839	Sub-Artesian Facility	Existing	07/02/2004	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	DARR, RICKY JOHN		
Drill Company	DARR DRILLING PTY LTD		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	DRILLLOG CAB	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-25	**Basin**	4223
Longitude	152-16-57	**Sub-area**	
GIS Latitude	-27.9902778	**Lot**	34
GIS Longitude	152.2825	**Plan**	RP193381
Easting	429446		
Northing	6903667	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	M - Metric Series
Accuracy		**Map No**	5566
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

6 ***records for RN*** **108839**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	07/02/2004	1	0.00	56.40	Polyvinyl Chloride	5.900	WT - Wall Thickness	141
A	07/02/2004	2	56.40	62.40	Polyvinyl Chloride	7.650	WT - Wall Thickness	141
A	07/02/2004	3	49.00	55.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	141
X	07/02/2004	4	5.50	6.00	Cuttings or other fill between casing and hole wall			165
X	07/02/2004	5	0.00	3.00	Grout			250

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
X	07/02/2004	6	3.00	5.50	Grout			165

Strata Logs

8 *records for RN* **108839**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	TOPSOIL BLACK (DRILLER RICH DARR - DARR DRILLING PTY LTD)
2	1.00	2.00	CLAY BROWN
3	2.00	19.00	WEATHERED BASALT FIRM BROWN/ORANGE
4	19.00	31.00	BASALT HARD
5	31.00	35.00	BASALT MEDIUM STRENGTH RED
6	35.00	51.00	BASALT HARD
7	51.00	52.00	FRACTURED BASALT (*)
8	52.00	62.40	BASALT HARD

Stratigraphies

0 *records for RN* **108839**

Aquifers

1 *records for RN* **108839**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	51.00	52.00	BSLT - Basic Volcanic	07/02/2004	-40.00	N		1.20	Y	FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **108839**

Pump Tests Part 2

0 *records for RN* **108839**

Bore Conditions

0 *records for RN* **108839**

Elevations

0 *records for RN* **108839**

Bore Report

From Year:

Water Analysis Part 1	**0** ***records for RN*** **108839**
Water Analysis Part 2	**0** ***records for RN*** **108839**
Water Levels	**0** ***records for RN*** **108839**
Wire Line Logs	**0** ***records for RN*** **108839**
Field Measurements	**0** ***records for RN*** **108839**
Special Water Analysis	0 ***records for RN*** **108839**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
149056	Sub-Artesian Facility	Existing	29/10/2000	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	EVANS, GARRY GARTH		
Drill Company	EVANS DRILLING		
Const Method	MIDWAY AIR		
Bore Line			
D/O File No	DRILLLOGCAB	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	30/10/2000	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-59-03	**Basin**	4223
Longitude	152-16-49	**Sub-area**	
GIS Latitude	-27.9841081	**Lot**	11
GIS Longitude	152.2802883	**Plan**	RP193383
Easting	429225		
Northing	6904349	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	UNKN	**Map No**	9342
GPS Accuracy		**Map Name**	HELIDON
Checked	Yes	**Prog Section**	

Casing

2 ***records for RN*** **149056**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	29/10/2000	1	0.00	16.00	Polyvinyl Chloride	5.900	WT - Wall Thickness	125
A	29/10/2000	2	7.00	13.00	Perforated or Slotted Casing			125

Strata Logs

8 ***records for RN*** **149056**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	BLACK SOIL
2	1.00	3.00	BROWN SOIL
3	3.00	5.00	WEATHERED
4	5.00	9.00	BLUE BASALT
5	9.00	10.00	DECOMPOSED BASALT (HONEYCOMB) *
6	10.00	12.00	BLUE BASALT
7	12.00	12.50	DECOMPOSED BASALT (HONEYCOMB) *
8	12.50	16.00	BLUE BASALT

Stratigraphies

0 *records for RN* **149056**

Aquifers

2 *records for RN* **149056**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	9.00	10.00	BSLT - Basic Volcanic	29/10/2000	-6.00	N	POTABLE		Y	VS	MAIN RANGE VOLCANICS
2	12.00	12.50	BSLT - Basic Volcanic					2.18	Y	VS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **149056**

Pump Tests Part 2

0 *records for RN* **149056**

Bore Conditions

0 *records for RN* **149056**

Elevations

0 *records for RN* **149056**

Water Analysis Part 1

0 *records for RN* **149056**

Water Analysis Part 2

0 *records for RN* **149056**

Bore Report

From Year:

Water Levels

1 ***records for RN*** **149056**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
X	29/10/2000		-6.00	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **149056**

Field Measurements

0 ***records for RN*** **149056**

Special Water Analysis

0 ***records for RN*** **149056**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
149213	Sub-Artesian Facility	Existing	02/01/2005	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2009 - GLADFIELD		
Original Name			
Driller Name	EVANS, GARRY GARTH		
Drill Company	EVANS DRILLING		
Const Method	MIDWAY AIR		
Bore Line			
D/O File No	520/000(16)2	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	01/01/2006	**Data Owner**	
Roles			

Location

Latitude	27-59-05	**Basin**	4223
Longitude	152-17-31	**Sub-area**	
GIS Latitude	-27.98477491	**Lot**	1
GIS Longitude	152.2919419	**Plan**	SP106333
Easting	430371		
Northing	6904282	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	SKET	**Map No**	
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

2 *records for RN* **149213**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	05/01/2002	1	0.00	66.00	Polyvinyl Chloride	5.900	WT - Wall Thickness	125
A	05/01/2002	2	54.10	63.00	Perforated or Slotted Casing			125

Strata Logs

10 *records for RN* **149213**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.50	BLACK TOPSOIL
2	0.50	16.00	WEATHERED BASALT
3	16.00	18.00	RED DECOMPOSED BASALT
4	18.00	20.00	BLUE BASALT
5	20.00	21.00	WEATHERED BASALT
6	21.00	51.50	BLUE BASALT
7	51.50	60.00	FRACTURED BASALT *
8	60.00	62.00	BLUE BASALT
9	62.00	62.50	FRACTURED BASALT *
10	62.50	66.00	BLUE BASALT

Stratigraphies

0 *records for RN* **149213**

Aquifers

2 *records for RN* **149213**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	51.50	60.00	BSLT - Basic Volcanic			N			Y	FR	MAIN RANGE VOLCANICS
2	62.00	62.50	BSLT - Basic Volcanic			N	POTABLE	3.16	Y	FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **149213**

Pump Tests Part 2

0 *records for RN* **149213**

Bore Conditions

0 *records for RN* **149213**

Elevations

0 *records for RN* **149213**

Water Analysis Part 1

0 *records for RN* **149213**

Bore Report

From Year:

Water Analysis Part 2	**0** ***records for RN*** **149213**
Water Levels	**0** ***records for RN*** **149213**
Wire Line Logs	**0** ***records for RN*** **149213**
Field Measurements	**0** ***records for RN*** **149213**
Special Water Analysis	0 ***records for RN*** **149213**

Bore Report

From Year:

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LAIDLEY

Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
129135	Sub-Artesian Facility	Existing	14/06/2005	Gatton	4580 - LOCKYER VALLEY REGIONAL

Details

Description			
Parish	4668 - TOWNSON		
Original Name	GC & DJ CROSBY		
Driller Name	HARCH, RUSSELL KEVIN		
Drill Company	HARCH DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 154	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	14/07/2005	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-55-57	**Basin**	1432
Longitude	152-22-48	**Sub-area**	OPA
GIS Latitude	-27.93260242	**Lot**	71
GIS Longitude	152.3800765	**Plan**	CH312014
Easting	439009		
Northing	6910109	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	9342-22
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **129135**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	14/06/2005	1	0.00	6.10	Steel Casing	6.400	WT - Wall Thickness	219
A	14/06/2005	2	0.00	64.00	Plastic Casing	5.900	WT - Wall Thickness	140
A	14/06/2005	3	39.60	51.80	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
A	14/06/2005	4	57.90	64.00	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
A	14/06/2005	5	0.00	12.20	Grout			219

Bore Report

From Year:

Strata Logs

16 *records for RN* **129135**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	4.00	BOULDERS & GRAVEL
2	4.00	5.80	BASALT
3	5.80	8.50	DECOMPOSING BASALT
4	8.50	15.50	BASALT
5	15.50	21.30	DECOMPOSING BASALT
6	21.30	24.40	BASALT
7	24.40	27.40	RED DECOMPOSING BASALT
8	27.40	42.10	DIRTY BASALT
9	42.10	45.10	BASALT
10	45.10	46.30	FRACTURED BASALT*
11	46.30	50.60	BASALT
12	50.60	52.70	RED DECOMPOSING BASALT
13	52.70	62.20	BASALT
14	62.20	64.00	RED DECOMPOSING BASALT
15			14/06/05 SWL 9.5M, COND 975
16			14/06/05 AIR TEST RATE 0.6L/S

Stratigraphies

1 *records for RN* **129135**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	64.00	MAIN RANGE VOLCANICS

Aquifers

1 *records for RN* **129135**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	45.10	46.30	BSLT - Basic Volcanic	14/06/2005	-9.50	N	COND 975	0.60	Y	FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **129135**

Pump Tests Part 2

0 *records for RN* **129135**

Bore Conditions

0 *records for RN* **129135**

Elevations

0 *records for RN* **129135**

Water Analysis Part 1

0 *records for RN* **129135**

Water Analysis Part 2

0 *records for RN* **129135**

Water Levels

1 *records for RN* **129135**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/06/2005		-9.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **129135**

Field Measurements

1 *records for RN* **129135**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	14/06/2005		975							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **129135**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
129148	Sub-Artesian Facility	Existing	16/03/2005	Gatton	4580 - LOCKYER VALLEY REGIONAL

Details

Description			
Parish	4668 - TOWNSON		
Original Name	GC & DJ CROSBY		
Driller Name	HARCH, RUSSELL KEVIN		
Drill Company	HARCH DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	515 000 154	**Polygon**	
R/O File No		**Equipment**	
H/O File No		**RN of Bore Replaced**	
Log Received Date	21/04/2005	**Data Owner**	
Roles	Water Supply		

Location

Latitude	27-55-03	**Basin**	1432
Longitude	152-23-42	**Sub-area**	OPA
GIS Latitude	-27.91757453	**Lot**	69
GIS Longitude	152.3950017	**Plan**	CH311937
Easting	440469		
Northing	6911781	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	9342-22
GPS Accuracy	10	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **129148**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	16/03/2005	1	0.00	10.40	Steel Casing	6.400	WT - Wall Thickness	219
A	16/03/2005	2	0.00	54.90	Plastic Casing	5.900	WT - Wall Thickness	140
A	16/03/2005	3	18.30	42.70	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
A	16/03/2005	4	48.80	54.90	Perforated or Slotted Casing	4.000	AP - Aperture Size	140
A	16/03/2005	5	0.00	13.70	Grout			165

Bore Report

From Year:

Strata Logs

9 *records for RN* **129148**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	8.50	TOPSOIL, BOULDERS
2	8.50	15.20	WEATHERED BASALT
3	15.20	18.30	BASALT
4	18.30	21.00	FRACTURED BASALT*
5	21.00	27.10	BASALT & FRACTURED BASALT
6	27.10	28.70	FRACTURED BASALT*
7	28.70	54.90	BASALT & FRACTURES
8			16/03/05 SWL 9.8M, COND 660
9			16/03/05 AIR TEST RATE 15.1L/S

Stratigraphies

1 *records for RN* **129148**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	54.90	MAIN RANGE VOLCANICS

Aquifers

1 *records for RN* **129148**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	18.30	54.90	BSLT - Basic Volcanic	16/03/2005	-9.80	N	COND 660	15.10	Y	FR	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 *records for RN* **129148**

Pump Tests Part 2

0 *records for RN* **129148**

Bore Conditions

0 *records for RN* **129148**

Elevations

0 *records for RN* **129148**

Bore Report

From Year:

Water Analysis Part 1

0 *records for RN* **129148**

Water Analysis Part 2

0 *records for RN* **129148**

Water Levels

1 *records for RN* **129148**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/03/2005		-9.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 *records for RN* **129148**

Field Measurements

1 *records for RN* **129148**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	16/03/2005		660							AI	Air Lifting	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **129148**

Bore Report

From Year:

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REAL TIME LEVELS

Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
14310211	Sub-Artesian Facility	Existing	04/06/2004	Gatton	6510 - SCENIC RIM REGIONAL

Details

Description	SIMMONDS RD
Parish	1854 - FASSIFERN
Original Name	SITE 32
Driller Name	
Drill Company	BELLDALE ENTERPRISES
Const Method	ROTARY AIR - BLADES & HAMMER
Bore Line	
D/O File No	
R/O File No	
H/O File No	
Log Received Date	
Roles	Sub-Artesian Monitoring

Polygon	
Equipment	
RN of Bore Replaced	
Data Owner	NAP

Location

Latitude	28-00-35	**Basin**	1431
Longitude	152-27-46	**Sub-area**	
GIS Latitude	-28.00972431	**Lot**	
GIS Longitude	152.4626519	**Plan**	
Easting	447171		
Northing	6901604	**Map Scale**	
Zone	56	**Map Series**	
Accuracy	GPS	**Map No**	
GPS Accuracy	50	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

7 ***records for RN*** **14310211**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	04/06/2004	1	0.00	21.00	Polyvinyl Chloride	3.000	WT - Wall Thickness	50
A	04/06/2004	2	21.00	33.00	Perforated or Slotted Casing	3.000	AP - Aperture Size	50
A	04/06/2004	3	0.00	5.00	Grout			
A	04/06/2004	4	5.00	6.50	Cuttings or other fill between casing and hole wall			
A	04/06/2004	5	6.50	17.50	Cement or Grout Plug			

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	04/06/2004	6	17.50	18.00	Bentonite Seal			
A	04/06/2004	7	18.00	33.00	Gravel Pack			

Strata Logs

31 *records for RN* **14310211**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	CLAY dk brown-black to orange-brown
2			alluvial soil very stiff
3	1.00	3.00	CLAY sandy f-m orange-brown
4			alluvial soil stiff
5	3.00	4.00	SAND gravelly clayey f-c dk brown
6			alluvial soil medium dense to dense
7	4.00	6.00	CLAY gravelly sandy f-c orange-brown
8			alluvial soil stiff
9	6.00	9.00	GRAVEL clayey sandy f-c orange-brown
10			alluvial soil medium dense to dense
11	9.00	10.00	CLAY mottled pale grey orange-brown
12			residual soil stiff
13	10.00	14.00	CLAYSTONE mottled pale grey to pale
14			orange brown highly wthd
15	14.00	19.00	SANDSTONE clayey vf-f pale grey-dk
16			brown partly mottled pale orang-brown
17			minor SILTSTONE carbonaceous
18			laminated moderately wthd
19	19.00	23.00	SANDSTONE clayey f-m pale grey partly
20			carbonaceous/coaly fresh

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
21	23.00	24.00	SILTSTONE black & SANDSTONE 15%
22			clayey f-m pale grey carbonaceous
23			interlaminated
24	24.00	27.00	BASALT black olivine quartz crystals
25	27.00	28.00	As above with SILTSTONE 50% dk grey
26	28.00	29.00	SILTSTONE dk grey
27	29.00	32.00	SILTSTONE black & MUDSTONE/COAL 15%
28			pale buff/black carboanceous laminate
29	32.00	33.00	ACID INTRUSIVE fine-grained pale grey
30			transluscent disseminated black/green
31			mafic minerals

Stratigraphies

0 *records for RN* **14310211**

Aquifers

1 *records for RN* **14310211**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	14.00	28.00	BSLT - Basic Volcanic SDST - Sandstone	18/06/2004	-3.51	N			Y	PS	WALLOON COAL MEASURES

Pump Tests Part 1

0 *records for RN* **14310211**

Pump Tests Part 2

0 *records for RN* **14310211**

Bore Conditions

0 *records for RN* **14310211**

Elevations

2 *records for RN* **14310211**

Pipe	Date	Elevation (m)	Precision	Datum	Meas Point	Survey Source

Bore Report

From Year:

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	04/06/2004	163.67	GPS	Global Positioning System	AHD - Aust. Height Datum	R	Reference Point	
X	04/06/2004	163.00	GPS	Global Positioning System	AHD - Aust. Height Datum	N	Natural Surface	

Water Analysis Part 1

2 *records for RN* 14310211

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	04/06/2004	1	DNR	050139	21.00	AI	GB	6200	12.4		1226.72	1226.21	935	619	1.2	5.0	
A	03/05/2006	1	GCL	221366	4.00	BA	GB	3110	12.0	5	813.00	817.00	155	625	0.2	11.0	0.00

Water Analysis Part 2

2 *records for RN* 14310211

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	04/06/2004	1	354.0	34.1	372.0	<1.0		<1.0		370.0	50.0	<0.02	<0.1	44.0				
A	03/05/2006	1	319.0	7.6	62.0	0.0	<0.03	<2.0	<0.01	66.0	146.0	0.10	<2.0	36.0	<0.01	1.30	0.03	<0.03

Water Levels

35 *records for RN* 14310211

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/08/2004		-4.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/03/2005		-3.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/2005		-4.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/11/2005		-2.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2006		-2.48	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/05/2006		-3.07	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/07/2006		-3.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/10/2007		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/03/2008		-2.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/07/2008		-2.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/09/2008		-2.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/01/2009		-2.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/03/2009		-2.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/07/2009		-2.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2009		-2.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/2010		-2.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/2010		-1.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/07/2010		-2.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/2010		-1.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/06/2011		-1.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/2012		-1.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/07/2012		-1.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2012		-2.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/04/2013		-1.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/08/2013		-2.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/02/2014		-2.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/10/2014		-3.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/04/2015		-3.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	16/10/2015		-3.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	16/03/2016		-3.16	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2016		-2.18	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/07/2017		-2.79	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	NAP	1	Good - Actual Manual Measurements
A	12/12/2017		-2.25	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	NAP	1	Good - Actual Manual Measurements
A	26/04/2018		-2.50	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/11/2018		-3.68	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **14310211**

Field Measurements

1 ***records for RN*** **14310211**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	03/05/2006		3650							BA	Bailer - Other	GB	Groundwater - from Bore

Special Water Analysis

0 ***records for RN*** **14310211**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
14321009	Sub-Artesian Facility	Existing	04/03/2011	Gatton	4580 - LOCKYER VALLEY REGIONAL

Details

Description			
Parish	4668 - TOWNSON		
Original Name			
Driller Name			
Drill Company	KOWALTZKE DRILLING		
Const Method	ROTARY AIR		
Bore Line			
D/O File No	520 000 0009	**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date	03/06/2011	**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	27-54-04	**Basin**	1432
Longitude	152-23-13	**Sub-area**	
GIS Latitude	-27.90121091	**Lot**	
GIS Longitude	152.3869704	**Plan**	
Easting	439670		
Northing	6913590	**Map Scale**	253 - 1: 25 000
Zone	56	**Map Series**	M - Metric Series
Accuracy	GPS	**Map No**	9342-22
GPS Accuracy	3	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

5 ***records for RN*** **14321009**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	04/03/2011	1	0.00	12.00	Polyvinyl Chloride			90
A	04/03/2011	2	11.00	12.00	Perforated or Slotted Casing	4.000	AP - Aperture Size	90
X	04/03/2011	3	0.00	5.00	Grout			180
X	04/03/2011	4	5.00	13.00	Gravel Pack			180
X	04/03/2011	5			Centraliser			

Bore Report

From Year:

Strata Logs

3 *records for RN* **14321009**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.00	TOPSOIL
2	1.00	11.00	SAND & GRAVEL
3	11.00	13.00	BASALT

Stratigraphies

2 *records for RN* **14321009**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	11.00	LAIDLEY CREEK ALLUVIUM
DNR	2	11.00	13.00	MAIN RANGE VOLCANICS

Aquifers

1 *records for RN* **14321009**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	1.00	11.00	SAGR - Sand and Gravel	04/03/2011	-3.15	N			Y	UC	LAIDLEY CREEK ALLUVIUM

Pump Tests Part 1

0 *records for RN* **14321009**

Pump Tests Part 2

0 *records for RN* **14321009**

Bore Conditions

0 *records for RN* **14321009**

Elevations

3 *records for RN* **14321009**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	01/03/2011	248.22	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	DUMMY
A	14/07/2016	248.22	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	SURVEYED FROM PSM 187029 BY B TOPP
X	14/07/2016	247.79	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	SURVEYED FROM PSM 187029 BY B TOPP

Bore Report

From Year:

Water Analysis Part 1

1 *records for RN* 14321009

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	05/07/2011	1	GCL	303307		PH	GB	389	7.6	26	304.00	229.00	91	165	0.9	2.2	1.50

Water Analysis Part 2

1 *records for RN* 14321009

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	05/07/2011	1	49.0	1.3	18.0	11.0	<0.01	199.0	<0.01	0.9	21.0	0.12	<0.5	3.3	<0.01	<0.05	0.02	<0.03

Water Levels

36 *records for RN* 14321009

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	04/03/2011		-3.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/06/2011		-3.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/08/2011		-4.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/09/2011		-4.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/2011		-3.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/12/2011		-3.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/02/2012		-3.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	29/06/2012		-3.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/09/2012		-4.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/09/2012		-4.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/11/2012		-5.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/2013		-2.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/05/2013		-3.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/08/2013		-3.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/11/2013		-5.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/03/2014		-5.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/06/2014		-5.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/09/2014		-5.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/12/2014		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/03/2015		-4.04	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/06/2015		-3.85	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/09/2015		-5.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/12/2015		-4.74	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	08/03/2016		-4.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/06/2016		-5.62	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	01/09/2016		-3.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	29/11/2016		-5.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/02/2017		-4.04	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	01/06/2017		-4.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2017		-5.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/12/2017		-5.39	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	08/03/2018	1145	-3.05	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/05/2018		-5.34	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/08/2018		-6.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/11/2018		-6.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	01/03/2019		-6.04	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **14321009**

Field Measurements

1 ***records for RN*** **14321009**

Bore Report

From Year:

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	06/07/2011		387							PU	Pump - Other or Flowing Bore	GB	Groundwater - from Bore

Special Water Analysis

0 *records for RN* **14321009**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42230696	Sub-Artesian Facility	Existing	11/07/1973	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2100 - GOOMBURRA		
Original Name	B2		
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line	DCN - DALRYMPLE CREEK LINE NINE		
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-02-10	**Basin**	4223
Longitude	152-02-01	**Sub-area**	220
GIS Latitude	-28.03620034	**Lot**	
GIS Longitude	152.0336473	**Plan**	
Easting	405015		
Northing	6898411	**Map Scale**	
Zone	56	**Map Series**	C - Commission (DNR/QWRC/IWSC)
Accuracy	GPS	**Map No**	V 39458
GPS Accuracy	5	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

1 ***records for RN*** **42230696**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	11/07/1973	1	0.00	9.30	Plastic Casing			50

Strata Logs

8 ***records for RN*** **42230696**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.80	TOP SOIL
2	0.80	1.30	BROWN SILT & LIMESTONE
3	1.30	10.30	BROWN SILT
4	10.30	17.00	GREY SANDY SILT
5	17.00	20.80	GREY SANDY CLAY
6	20.80	24.60	GREY CLAYBOUND GRAVEL
7	24.60	25.00	SANDSTONE
902			11/07/1973 SWL -6.24 M TMP NUL C

Stratigraphies

1 ***records for RN*** **42230696**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			ALLUVIUM

Aquifers

1 ***records for RN*** **42230696**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	10.00	17.00	CLAY - Clay MUDD - Mud SILT - Silt, Silty	11/07/1973	-6.24	N			Y	UC	DALRYMPLE CREEK ALLUVIUM

Pump Tests Part 1

0 ***records for RN*** **42230696**

Pump Tests Part 2

0 ***records for RN*** **42230696**

Bore Conditions

0 ***records for RN*** **42230696**

Elevations

2 ***records for RN*** **42230696**

Bore Report

From Year:

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	18/05/1973	482.66	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
X	18/05/1973	482.19	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	

Water Analysis Part 1

3 ***records for RN*** **42230696**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	27/04/1979	1	GCL	081485	9.00	AI	GB	2650	8.5	31	2001.30	1594.15	302	740	0.3	12.1	8.75
A	05/06/1984	1	GCL	105441		AI	GB	2400	8.5	30	1908.45	1435.24	274	859	0.3	12.6	11.67
A	23/06/1989	1	GCL	129963		AI	GB	2150	8.7	24	1780.00	1310.00	245	860	0.3	12.0	12.50

Water Analysis Part 2

3 ***records for RN*** **42230696**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	27/04/1979	1	482.0	0.0	14.0	65.0		862.0		20.0	350.0	0.10	200.0	5.0				
A	05/06/1984	1	480.0	0.3	11.0	60.0	0.00	990.0	0.05	28.0	275.0	0.10	46.0	18.0				
A	23/06/1989	1	430.0	0.2	12.0	52.0	0.02	970.0	0.02	38.5	255.0	0.20	13.5	5.0				

Water Levels

234 ***records for RN*** **42230696**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	20/07/1973		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/09/1973		-6.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/12/1973		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/02/1974		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/05/1974		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/07/1974		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/09/1974		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/11/1974		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1975		-6.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/04/1975		-6.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/06/1975		-6.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/1975		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/11/1975		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1976		-5.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/02/1976		-5.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/06/1976		-6.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/08/1976		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/10/1976		-6.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/12/1976		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/02/1977		-6.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1977		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1977		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/09/1977		-6.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/11/1977		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/1978		-6.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/03/1978		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1978		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/07/1978		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/09/1978		-6.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/11/1978		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/01/1979		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/03/1979		-6.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/05/1979		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/07/1979		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/09/1979		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/11/1979		-6.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1980		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/1980		-6.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1980		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/1980		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/09/1980		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1980		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1981		-6.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1981		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/1981		-6.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/06/1981		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1981		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/10/1981		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/12/1981		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1982		-6.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/03/1982		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/05/1982		-6.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/07/1982		-6.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/08/1982		-6.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/10/1982		-6.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/01/1983		-6.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/03/1983		-7.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/05/1983		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/05/1983		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1983		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/1983		-6.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/09/1983		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/1983		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/02/1984		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/04/1984		-6.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/06/1984		-6.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/08/1984		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1984		-6.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/02/1985		-6.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/05/1985		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/08/1985		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/11/1985		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/02/1986		-7.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1986		-7.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/08/1986		-7.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/11/1986		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/01/1987		-7.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/04/1987		-7.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1987		-7.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/08/1987		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1987		-7.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1988		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/03/1988		-7.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1988		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/05/1988		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/06/1988		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1988		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/1988		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/1989		-7.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1989		-7.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/05/1989		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/1989		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1989		-6.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/1989		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/11/1989		-7.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/1990		-7.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1990		-6.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/08/1990		-6.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1990		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1991		-7.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1991		-6.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/05/1991		-7.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/09/1991		-7.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/10/1991		-8.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/11/1991		-8.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-8.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/1992		-7.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/01/1992		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-7.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-7.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-7.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-7.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-8.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-8.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-8.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1993		-8.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1993		-8.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/12/1993		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/01/1994		-8.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/03/1994		-8.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1994		-9.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1994		-8.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/08/1994		-9.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/1994		-9.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1994		-9.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/1995		-9.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/01/1995		-9.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/03/1995		-9.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1995		-9.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/09/1995		-9.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1995		-9.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/12/1995		-8.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/02/1996		-7.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/06/1996		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/1996		-7.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1996		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/03/1997		-7.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/04/1997		-7.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/07/1997		-7.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/12/1997		-8.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/02/1998		-7.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/1998		-8.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1998		-7.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-7.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/05/1999		-7.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-7.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/2000		-7.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2000		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-8.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/2001		-8.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-7.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-7.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/10/2001		-8.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-8.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/05/2002		-8.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2002		-8.39	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/10/2002		-8.70	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-9.05	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	29/05/2003		-9.33	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/09/2003		-8.49	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-9.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/05/2004		-9.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2004		-8.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/11/2004		-8.62	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-8.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-9.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-9.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2005		-9.30	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005		-9.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-8.94	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-9.08	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-9.27	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-9.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-9.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/12/2006		-9.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/01/2007		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2007		-9.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-9.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-9.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-9.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007		-8.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/03/2008		-8.61	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-8.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/07/2008		-8.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-8.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-8.97	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2009		-8.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-8.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2009		-8.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/2010		-8.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/02/2010		-8.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/04/2010		-7.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/2010		-8.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-7.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-7.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/03/2011		-6.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/06/2011		-7.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/09/2011		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011		-7.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/12/2011		-6.98	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/02/2012		-6.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/04/2013		-6.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/07/2013		-6.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/11/2013		-7.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/12/2013		-7.14	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/04/2014		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2014		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/10/2014		-7.71	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/01/2015		-7.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/04/2015		-7.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/06/2015		-7.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2015		-7.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/10/2015		-7.48	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-7.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/04/2016		-7.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/07/2016		-7.49	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-7.21	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-7.12	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/04/2017		-6.94	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	14/07/2017	1334	-7.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-7.21	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-7.34	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-7.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/07/2018		-6.85	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/09/2018		-8.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-8.20	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/02/2019		-8.29	R	Reference Point	P	ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
X	11/07/1973		-6.20	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **42230696**

Field Measurements

0 ***records for RN*** **42230696**

Special Water Analysis

0 ***records for RN*** **42230696**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42230701	Sub-Artesian Facility	Existing	19/06/1969	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2100 - GOOMBURRA		
Original Name	B1S2		
Driller Name			
Drill Company			
Const Method	ROTARY RIG		
Bore Line	DCX - DALRYMPLE CREEK LINE SEVEN		
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-01-43	**Basin**	4223
Longitude	152-09-59	**Sub-area**	220
GIS Latitude	-28.02864836	**Lot**	1
GIS Longitude	152.1664366	**Plan**	RP210002
Easting	418062		
Northing	6899344	**Map Scale**	
Zone	56	**Map Series**	C - Commission (DNR/QWRC/IWSC)
Accuracy	GPS	**Map No**	V 39458
GPS Accuracy	5	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

1 ***records for RN*** **42230701**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	19/06/1969	1	0.00	14.60	Plastic Casing			51

Strata Logs

8 ***records for RN*** **42230701**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.20	BLACK TOP SOIL
2	1.20	6.70	BROWN CLAY
3	6.70	12.50	BROWN CLAY & CALC NODULES
4	12.50	13.70	BLACK & BROWN GRAVEL
5	13.70	14.90	COARSE SAND & GRAVEL
6	14.90	15.50	BROWN GRAVEL
7	15.50	16.70	VERY HARD BASALT
902			19/06/1969 SWL -5.6

Stratigraphies

1 *records for RN* **42230701**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			ALLUVIUM

Aquifers

1 *records for RN* **42230701**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	12.00	15.00	GRAV - Gravel SAND - Sand	19/06/1969	-5.60	N			Y	UC	DALRYMPLE CREEK ALLUVIUM

Pump Tests Part 1

1 *records for RN* **42230701**

Pipe	Date	Rec	RN of Pumped Bore	Top (m)	Bottom (m)	Dist (m)	Meth	Test Types	Pump Type	Suction Set (m)	Q Prior to Test (l/s)	Dur of Q PR (mins)	Pres on Arriv (m)	Q on Arriv (l/s/)
A	19/06/1969	1	42230701	0.00	15.90		PUM							

Pump Tests Part 2

1 *records for RN* **42230701**

Bore Report

From Year:

Pipe	Date	Rec	Test Dur (mins)	SWL(m)	Recov Time (mins)	Resid DD (m)	Max DD or P RED (m)	Q at Max DD (l/s)	Time to Max DD (mins)	Max Q (l/s)	Calc Stat HD (m)	Design Yield (l/s)	Design BP (m)	Suct. Set (m)	Tmsy (m2/Day)	Stor
A	19/06/1969	1		-5.60				0.88				0.88				

Bore Conditions

0 *records for RN* **42230701**

Elevations

2 *records for RN* **42230701**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	16/03/1970	529.88	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
X	16/03/1970	529.45	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	

Water Analysis Part 1

8 *records for RN* **42230701**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	20/02/1976	1	GCL	067915	15.00	AI	GB	800	8.2	44	639.30	458.12	353	370	4.0	0.9	0.33
A	05/02/1979	1	GCL	080527	15.00	AI	GB	910	7.9	38	806.10	564.54	465	455	5.1	0.8	0.00
A	27/04/1979	1	GCL	081455	15.00	AI	GB	1020	7.9	50	824.80	587.11	470	469	5.1	0.8	0.00
A	15/06/1984	1	GCL	105392		AI	GB	930	8.0	46	676.81	504.25	402	358	4.5	0.9	0.00
A	23/06/1989	1	GCL	129936		AI	GB	660	8.5	35	560.00	400.00	300	330	3.9	0.9	0.60
A	27/05/2013	1	GCL	312969	10.00	PW	GB	591	8.2	48	459.00	344.00	268	268	5.7	0.6	0.00
A	14/05/2014	1	GCL	307711	14.40	PB	GB	512	7.9	48	383.00	298.00	222	216	5.4	0.5	0.00
A	18/11/2015	1	GCL	326407	13.00	PB	GB	498	7.6	49	385.00	296.00	220	222	5.3	0.6	0.00

Water Analysis Part 2

8 *records for RN* **42230701**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	20/02/1976	1	41.0	1.2	36.0	64.0		443.0		3.9	50.0	0.20	0.0	0.0				

Bore Report

From Year:

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	05/02/1979	1	42.0	0.7	71.0	70.0		550.0		2.4	60.0	0.20	7.8	2.0				
A	27/04/1979	1	42.0	0.5	73.0	70.0		566.0		3.2	58.0	0.20	9.5	2.0				
A	15/06/1984	1	41.0	0.5	57.0	63.0	0.00	430.0	0.01	3.3	70.0	0.20	8.5	3.3				
A	23/06/1989	1	35.0	0.5	47.0	44.0	0.01	385.0	0.01	8.1	32.0	0.30	1.9	2.4				
A	27/05/2013	1	22.0	0.5	41.0	40.0	<0.01	320.0	<0.01	3.3	27.0	0.20	1.9	2.3	0.04	<0.05	0.02	<0.03
A	14/05/2014	1	19.0	0.3	34.0	33.0	<0.01	261.0	<0.01	1.2	32.0	0.22	<0.5	1.9	0.01	<0.05	<0.02	<0.03
A	18/11/2015	1	19.0	0.3	34.0	33.0	<0.01	269.0	<0.01	0.8	26.0	0.21	0.7	1.8	<0.01	<0.05	<0.02	<0.03

Water Levels

2255 ***records for RN*** **42230701**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality	
A	18/05/1970		-6.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/07/1970		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/10/1970		-6.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/01/1971		-6.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/1971		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1971		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1971		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/11/1971		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/02/1972		-6.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/05/1972		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/08/1972		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/11/1972		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/01/1973		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/03/1973		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/05/1973		-6.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	20/07/1973		-6.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/09/1973		-6.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/12/1973		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/02/1974		-5.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/05/1974		-5.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/07/1974		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/09/1974		-5.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/11/1974		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/01/1975		-5.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/04/1975		-5.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/06/1975		-5.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/08/1975		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/11/1975		-5.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/01/1976		-5.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/02/1976		-4.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/06/1976		-5.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/08/1976		-5.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/10/1976		-5.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/12/1976		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/02/1977		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/05/1977		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/07/1977		-5.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/09/1977		-6.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/11/1977		-6.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/01/1978		-6.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/03/1978		-6.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1978		-6.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/07/1978		-6.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/09/1978		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/11/1978		-6.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/01/1979		-6.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/03/1979		-6.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/1979		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/07/1979		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/09/1979		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/11/1979		-6.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1980		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/1980		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1980		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/1980		-6.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/09/1980		-6.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1980		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1981		-6.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1981		-6.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/1981		-6.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/06/1981		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1981		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/10/1981		-6.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/12/1981		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1982		-6.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	30/03/1982		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/05/1982		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/07/1982		-6.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/08/1982		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/10/1982		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/01/1983		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	16/03/1983		-6.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/05/1983		-6.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/05/1983		-6.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/06/1983		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1983		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/07/1983		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/09/1983		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/12/1983		-5.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/02/1984		-5.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/04/1984		-5.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1984		-5.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/08/1984		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/11/1984		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/02/1985		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/05/1985		-6.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/08/1985		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/11/1985		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/03/1986		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	16/05/1986		-7.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/08/1986		-6.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/11/1986		-7.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/01/1987		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/04/1987		-6.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1987		-7.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/08/1987		-7.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1987		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1988		-7.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1988		-6.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1988		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/05/1988		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1988		-5.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/1988		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/1989		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1989		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/05/1989		-5.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/06/1989		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1989		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/1989		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/11/1989		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/1990		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1990		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/08/1990		-6.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1990		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1991		-6.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/02/1991		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/05/1991		-6.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/09/1991		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/10/1991		-7.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/11/1991		-7.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-7.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/12/1991		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/1992		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/01/1992		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-7.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-7.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/1993		-7.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-7.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/03/1993		-7.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-8.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-8.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1993		-9.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1993		-9.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/12/1993		-9.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/01/1994		-9.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/03/1994		-7.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1994		-7.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1994		-8.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/08/1994		-8.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/1994		-9.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1994		-9.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/1995		-10.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/01/1995		-10.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/03/1995		-8.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1995		-10.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/09/1995		-11.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1995		-11.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/12/1995		-9.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/02/1996		-7.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/06/1996		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/1996		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1996		-6.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/03/1997		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/04/1997		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/07/1997		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/12/1997		-7.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/02/1998		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/1998		-6.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1998		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-6.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/05/1999		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-6.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-6.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/02/2000		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2000		-6.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-7.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/2001		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/10/2001		-6.94	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-6.96	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/05/2002		-7.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2002		-7.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2002		-7.57	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-8.22	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002		-8.64	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002		-8.55	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-9.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-7.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003		-7.63	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2003		-6.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/04/2003		-7.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	29/05/2003		-7.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	05/08/2003		-7.09	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/09/2003		-7.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003		-7.92	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-7.21	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2004		-6.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/05/2004		-6.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-7.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2004		-7.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2004		-7.05	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-7.50	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-8.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-9.00	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-8.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/08/2005		-8.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2005		-8.85	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005		-8.95	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-7.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-7.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-7.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-8.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-8.55	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/09/2006		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2006		-9.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/01/2007		-10.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2007		-10.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-11.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-11.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-11.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007		-11.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007		-10.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/03/2008		-6.94	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-6.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/07/2008		-6.82	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-6.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-6.61	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2009		-6.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/09/2009		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/2010		-7.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/02/2010		-6.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/04/2010		-6.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/2010		-6.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-6.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-6.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/03/2011		-5.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/03/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2011		-5.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/04/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2011		-5.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/04/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/04/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2011		-5.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2011		-5.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/04/2011		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/04/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/04/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/04/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/04/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/04/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/04/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/04/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/04/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/04/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/05/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/05/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2011		-5.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/05/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2011		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	27/05/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/05/2011		-5.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/05/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/05/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	31/05/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/06/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/06/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	07/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/06/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/06/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/06/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	14/06/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	15/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	16/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	17/06/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	18/06/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	19/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	20/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	21/06/2011		-5.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2011		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2011		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2011		-5.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2011		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2011		-5.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2011		-5.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2011		-5.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2011		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2011		-5.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2011		-5.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2011		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2011		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2011		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2011		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2011		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/08/2011		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2011		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2011		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2011		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2011		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2011		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2011		-5.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2011		-5.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/09/2011		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/09/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2011		-5.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2011		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2011		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/09/2011		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2011		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2011		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/09/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2011		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/10/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2011		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2011		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2011		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2011		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2011		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2011		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2011		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2011		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/10/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/10/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/10/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2011		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2011		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2011		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/11/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2011		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2011		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/11/2011		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2011		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2011		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/11/2011		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2011		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/11/2011		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2011		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2011		-6.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/11/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2011		-6.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2011		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/11/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/11/2011		-6.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/12/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/12/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/12/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/12/2011		-6.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/12/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/12/2011		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/12/2011		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/12/2011		-6.07	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/12/2011		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2011		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2011		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/12/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/12/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/12/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/12/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/12/2011		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/12/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/12/2011		-6.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/12/2011		-6.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/12/2011		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/12/2011		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/01/2012		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2012		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/01/2012		-6.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2012		-6.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2012		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2012		-6.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/01/2012		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2012		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/01/2012		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2012		-6.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2012		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/01/2012		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2012		-6.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2012		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2012		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2012		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2012		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2012		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2012		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2012		-5.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2012		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/02/2012		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2012		-5.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2012		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2012		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2012		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2012		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2012		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2012		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2012		-5.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2012		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2012		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2012		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/02/2012		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/02/2012		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2012		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2012		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2012		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2012		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/02/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/02/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/02/2012		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2012		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2012		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2012		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/02/2012		-5.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2012		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/02/2012		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/02/2012		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2012		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2012		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2012		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2012		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2012		-5.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2012		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2012		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2012		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2012		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2012		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2012		-6.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2012		-6.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2012		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2012		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2012		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2012		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2012		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2012		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2012		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/03/2012		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2012		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2012		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2012		-6.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2012		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2012		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2012		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2012		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2012		-6.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2012		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2012		-6.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2012		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2012		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2012		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2012		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2012		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2012		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2012		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2012		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2012		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2012		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2012		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/04/2012		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/04/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/04/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/04/2012		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/04/2012		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/04/2012		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/04/2012		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/04/2012		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/04/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/04/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/04/2012		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/04/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/04/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/05/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/05/2012		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/05/2012		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/05/2012		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/05/2012		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/05/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/05/2012		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/05/2012		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/05/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/05/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/05/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/05/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2012		-6.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2012		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2012		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2012		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/05/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/05/2012		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/05/2012		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2012		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2012		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/06/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2012		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2012		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/06/2012		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2012		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2012		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2012		-6.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2012		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2012		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/07/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2012		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2012		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2012		-6.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2012		-6.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2012		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2012		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2012		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2012		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2012		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2012		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2012		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2012		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2012		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2012		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2012		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2012		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2012		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2012		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/08/2012		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2012		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2012		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2012		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2012		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2012		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2012		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2012		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2012		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2012		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2012		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2012		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2012		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2012		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2012		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/09/2012		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/09/2012		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2012		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2012		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2012		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/09/2012		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2012		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2012		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2012		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/09/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2012		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2012		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2012		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2012		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2012		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2012		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2012		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2012		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2012		-7.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2012		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2012		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2012		-6.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2012		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/10/2012		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2012		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2012		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2012		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2012		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2012		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2012		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/10/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/10/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/10/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2012		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2012		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/11/2012		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2012		-7.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2012		-7.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/11/2012		-7.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2012		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2012		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2012		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/11/2012		-7.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2012		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/11/2012		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2012		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2012		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2012		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/11/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/12/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/12/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/12/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/12/2012		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/12/2012		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/12/2012		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/12/2012		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/12/2012		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/12/2012		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/12/2012		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/12/2012		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2012		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2012		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2012		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2012		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2012		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2012		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	22/12/2012		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/12/2012		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/12/2012		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/12/2012		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/12/2012		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/12/2012		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/12/2012		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/12/2012		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/12/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	31/12/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/01/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/01/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/01/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/01/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/01/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/01/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	07/01/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/01/2013		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/01/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/01/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/01/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/01/2013		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/01/2013		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	14/01/2013		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	15/01/2013		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/01/2013		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2013		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2013		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2013		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2013		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2013		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2013		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2013		-7.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2013		-7.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2013		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2013		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2013		-5.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2013		-4.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2013		-4.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2013		-4.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2013		-5.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2013		-5.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2013		-5.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2013		-5.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2013		-5.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2013		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2013		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2013		-5.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2013		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2013		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	10/02/2013		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/02/2013		-6.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/02/2013		-6.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/02/2013		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	14/02/2013		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	15/02/2013		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	16/02/2013		-6.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	17/02/2013		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	18/02/2013		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	19/02/2013		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	20/02/2013		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	21/02/2013		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	22/02/2013		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/02/2013		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/02/2013		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/02/2013		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/02/2013		-5.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/02/2013		-5.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/02/2013		-5.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/03/2013		-5.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/03/2013		-5.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/03/2013		-5.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/03/2013		-5.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/03/2013		-5.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/03/2013		-5.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/03/2013		-5.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2013		-5.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2013		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2013		-5.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2013		-5.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2013		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2013		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2013		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2013		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2013		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2013		-6.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2013		-6.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2013		-6.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2013		-6.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2013		-6.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2013		-6.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2013		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2013		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2013		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2013		-6.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2013		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2013		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2013		-6.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2013		-6.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2013		-6.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/04/2013		-6.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2013		-6.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2013		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2013		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2013		-6.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/04/2013		-6.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2013		-6.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2013		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2013		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/04/2013		-6.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2013		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2013		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/04/2013		-6.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/04/2013		-6.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/04/2013		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/04/2013		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/04/2013		-6.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/04/2013		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/04/2013		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/04/2013		-6.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/04/2013		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/04/2013		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/04/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/04/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/05/2013		-6.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/05/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/05/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/05/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/05/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/05/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/05/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/05/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/05/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/05/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	21/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2013		-6.50	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/05/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/05/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/05/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2013		-6.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2013		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/06/2013		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	15/06/2013		-6.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2013		-6.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/06/2013		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2013		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/08/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/08/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2013		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2013		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2013		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2013		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2013		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2013		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/09/2013		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/09/2013		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2013		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2013		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2013		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2013		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2013		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2013		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2013		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2013		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2013		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2013		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/2013		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2013		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2013		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2013		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/09/2013		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2013		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2013		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2013		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2013		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2013		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2013		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2013		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2013		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2013		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2013		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2013		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/10/2013		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2013		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2013		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2013		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2013		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2013		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2013		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	18/10/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	19/10/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	20/10/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	21/10/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	22/10/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/10/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/10/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/10/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/10/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/10/2013		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/10/2013		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/10/2013		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/10/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	31/10/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/11/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/11/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/11/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	07/11/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/11/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/11/2013		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2013		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2013		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2013		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2013		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2013		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/11/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/12/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2013		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2013		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2013		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/12/2013		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	07/12/2013		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/12/2013		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/12/2013		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/12/2013		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/12/2013		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/12/2013		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/12/2013		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	14/12/2013		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	15/12/2013		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	16/12/2013		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	17/12/2013		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	18/12/2013		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	19/12/2013		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	20/12/2013		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	21/12/2013		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	22/12/2013		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/12/2013		-7.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/12/2013		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/12/2013		-7.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/12/2013		-7.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/12/2013		-7.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/12/2013		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/12/2013		-7.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/12/2013		-7.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	31/12/2013		-7.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/01/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/01/2014		-7.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2014		-7.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2014		-7.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2014		-7.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/01/2014		-7.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2014		-7.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/01/2014		-7.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2014		-7.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2014		-7.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/01/2014		-7.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2014		-7.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2014		-7.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2014		-7.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2014		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2014		-7.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2014		-7.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2014		-7.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2014		-7.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2014		-7.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2014		-7.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2014		-7.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2014		-7.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/01/2014		-7.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2014		-7.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2014		-7.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2014		-7.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2014		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2014		-7.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2014		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2014		-7.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2014		-7.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2014		-7.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2014		-7.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2014		-7.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2014		-7.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2014		-7.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2014		-7.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2014		-7.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2014		-7.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2014		-7.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/02/2014		-7.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/02/2014		-7.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2014		-7.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2014		-7.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2014		-7.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2014		-7.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/02/2014		-7.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/02/2014		-7.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2014		-7.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/02/2014		-8.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2014		-8.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2014		-8.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2014		-8.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/02/2014		-8.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2014		-8.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/02/2014		-8.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2014		-8.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2014		-8.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2014		-8.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2014		-8.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2014		-8.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2014		-8.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2014		-8.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2014		-8.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2014		-8.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2014		-8.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2014		-8.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2014		-8.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2014		-8.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2014		-8.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2014		-8.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2014		-8.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/03/2014		-8.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2014		-8.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2014		-8.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2014		-8.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2014		-8.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2014		-8.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2014		-8.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2014		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2014		-8.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2014		-8.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2014		-8.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2014		-7.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2014		-7.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2014		-7.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2014		-7.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2014		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2014		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2014		-7.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2014		-7.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2014		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/04/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2014		-7.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/04/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2014		-7.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/05/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/05/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/05/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/05/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/05/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/06/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/06/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2014		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2014		-7.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2014		-7.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2014		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2014		-7.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2014		-7.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2014		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2014		-7.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2014		-7.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2014		-7.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2014		-7.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2014		-7.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2014		-7.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2014		-7.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2014		-7.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2014		-7.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/07/2014		-7.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2014		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2014		-7.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2014		-7.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2014		-7.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2014		-7.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2014		-7.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2014		-7.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2014		-7.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2014		-7.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2014		-7.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2014		-7.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2014		-7.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2014		-7.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2014		-7.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2014		-7.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2014		-7.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2014		-7.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2014		-7.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2014		-7.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2014		-7.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2014		-7.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2014		-7.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2014		-7.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/08/2014		-7.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2014		-7.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2014		-7.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2014		-7.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2014		-7.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2014		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2014		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2014		-7.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2014		-7.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2014		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2014		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2014		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2014		-7.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2014		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2014		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2014		-7.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/09/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2014		-7.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2014		-7.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2014		-7.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2014		-7.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2014		-7.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2014		-7.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2014		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2014		-7.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2014		-7.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2014		-7.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2014		-7.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/10/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2014		-7.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2014		-7.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2014		-7.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2014		-7.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2014		-7.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2014		-7.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2014		-7.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2014		-7.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2014		-7.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2014		-7.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2014		-7.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2014		-7.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2014		-7.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/10/2014		-7.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2014		-7.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2014		-7.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2014		-7.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2014		-7.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/11/2014		-7.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2014		-7.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2014		-7.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2014		-7.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2014		-7.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2014		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/2014		-7.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2014		-7.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2014		-7.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2014		-7.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2014		-7.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2014		-7.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2014		-7.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2014		-7.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2014		-8.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2014		-8.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2014		-8.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2014		-8.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2014		-8.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2014		-8.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/11/2014		-8.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2014		-8.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2014		-8.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2014		-8.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2014		-8.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2014		-8.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2014		-8.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2014		-8.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2014		-8.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2014		-8.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2014		-8.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/12/2014		-8.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2014		-8.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2014		-8.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2014		-8.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2014		-7.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2014		-7.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2014		-7.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2014		-7.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2014		-7.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2014		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2014		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/12/2014		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2014		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2014		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2014		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/01/2015		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2015		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2015		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2015		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2015		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2015		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2015		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2015		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2015		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2015		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2015		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2015		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2015		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/03/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2015		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2015		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2015		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2015		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2015		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2015		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2015		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2015		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2015		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2015		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2015		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2015		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2015		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/04/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2015		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2015		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2015		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	21/04/2015		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2015		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2015		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2015		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2015		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2015		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2015		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2015		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2015		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2015		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2015		-6.60	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/06/2015		-6.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/09/2015		-7.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/10/2015		-7.49	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	18/11/2015		-7.05	R	Reference Point	B	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/11/2015		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2015		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2015		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2015		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2015		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/11/2015		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2015		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2015		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2015		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2015		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2015		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2015		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2015		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2015		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2015		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2015		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2015		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2015		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2015		-6.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2015		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2015		-6.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/12/2015		-6.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2015		-6.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2015		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2015		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2015		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2015		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2015		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2015		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2015		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2015		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2015		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2016		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2016		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2016		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2016		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2016		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2016		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2016		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/01/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/02/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2016		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/02/2016		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/03/2016		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2016		-7.19	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-7.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-7.43	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2016		-7.48	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2016		-7.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2016		-7.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/05/2016		-7.55	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2016		-7.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2016		-7.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/05/2016		-7.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2016		-7.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/06/2016		-7.68	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2016		-7.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2016		-7.57	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2016		-7.44	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2016		-7.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/06/2016		-7.40	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2016		-7.40	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2016		-7.46	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2016		-7.51	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2016		-7.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2016		-7.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2016		-7.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2016		-7.50	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2016		-7.55	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2016		-7.46	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2016		-7.39	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2016		-7.35	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2016		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/07/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2016		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2016		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2016		-6.96	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/07/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/08/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2016		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2016		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2016		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2016		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2016		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2016		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2016		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2016		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2016		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2016		-6.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2016		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2016		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2016		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2016		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2016		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2016		-6.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2016		-6.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2016		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2016		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2016		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/10/2016		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2016		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2016		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2016		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2016		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2016		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2016		-6.93	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2016		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/11/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/11/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/11/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2016		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2016		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2017		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2017		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2017		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2017		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2017		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2017		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2017		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2017		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/01/2017		-6.68	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2017		-6.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2017		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2017		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2017		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2017		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2017		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2017		-6.88	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2017		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2017		-6.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2017		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2017		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2017		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2017		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2017		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2017		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2017		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/02/2017		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2017		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2017		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2017		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2017		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2017		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2017		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2017		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2017		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2017		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2017		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2017		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2017		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2017		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2017		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2017		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2017		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2017		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2017		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2017		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/03/2017		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2017		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2017		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2017		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2017		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2017		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2017		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2017		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2017		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2017		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2017		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2017		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2017		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2017		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2017		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2017		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2017		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2017		-6.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2017		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2017		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2017		-6.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2017		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2017		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2017		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2017		-6.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/03/2017		-5.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2017		-6.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2017		-6.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2017		-6.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2017		-6.39	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2017		-6.43	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2017		-6.46	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2017		-6.49	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2017		-6.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2017		-6.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2017		-6.53	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2017		-6.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2017		-6.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2017		-6.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/04/2017		-6.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2017		-6.61	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2017		-6.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2017		-6.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2017		-6.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2017		-6.67	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	20/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2017		-6.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2017		-6.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2017		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2017		-6.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2017		-6.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/05/2017		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/05/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2017		-6.74	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2017		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/05/2017		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2017		-6.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2017	1409	-7.05	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-6.97	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-7.52	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-7.27	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/07/2018		-7.68	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/09/2018		-8.70	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-8.64	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/02/2019	1130	-8.52	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
X	19/06/1969		-5.60	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **42230701**

Field Measurements

3 ***records for RN*** **42230701**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	27/05/2013	10.00	521	7.1	19.3		0.40			PW	Pump - WaTerra	GB	Groundwater - from Bore
A	14/05/2014	14.40	448	7.4	19.6		0.80			PB	Pump - Bladder	GB	Groundwater - from Bore
A	18/11/2015	15.04	494	7.5	24.0		0.38			PB	Pump - Bladder	GB	Groundwater - from Bore

Bore Report

From Year:

Special Water Analysis

2 *records for RN* **42230701**

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	27/05/2013	312969	10.00	D	DH	PW	Pump - WaTerra	GB	CH	27/05/2013	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		0.47000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.16000	Milligrams/Litre	10	Good - Time Series Data

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	18/11/2015	326407	13.00	D	DG	PB	Pump - Bladder	GB	FR	18/11/2015	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		0.22000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.20000	Milligrams/Litre	10	Good - Time Series Data

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42230702	Sub-Artesian Facility	Existing	13/02/1970	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	6000 - NO LONGER USED		
Original Name	B2S3-A BOT P		
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line	DCX - DALRYMPLE CREEK LINE SEVEN		
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-01-39	**Basin**	4223
Longitude	152-09-59	**Sub-area**	220
GIS Latitude	-28.02760014	**Lot**	
GIS Longitude	152.16625136	**Plan**	
Easting	418043		
Northing	6899460	**Map Scale**	
Zone	56	**Map Series**	C - Commission (DNR/QWRC/IWSC)
Accuracy	GPS	**Map No**	V 39458
GPS Accuracy	3	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

3 ***records for RN*** **42230702**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	13/02/1970	1	0.00	66.20	Plastic Casing			51
B	13/02/1970	2	0.00	22.60	Plastic Casing			
C	13/02/1970	3	0.00	15.60	Plastic Casing			

Strata Logs

22 ***records for RN*** **42230702**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	3.00	TOP SOIL
2	3.00	11.90	CLAY
3	11.90	15.50	GRAVEL,CLAY & BOULDERS
4	15.50	17.70	WEATHERED BASALT
5	17.70	22.60	FRACTURED BASALT
6	22.60	40.80	HARD BASALT
7	40.80	42.70	BASALT & SOAPSTONE
8	42.70	49.70	BASALT
9	49.70	51.20	VESICULAR BASALT
10	51.20	51.40	FRACTURED BASALT
11	51.40	51.50	CAVITY
12	51.50	60.70	BASALT
13	60.70	61.30	VESICULAR BASALT
14	61.30	66.40	BASALT
15	66.40	66.80	VESICULAR BASALT
16	66.80	67.10	COAL
17	67.10	68.00	YELLOW CLAY
902			13/02/1970 SWL -6.70 M TMP NUL C
903			13/02/1970 DISCH 561.5 M3D BAILER
910	11.00	15.00	QUALITY DESCRIP/CONDUCT: 770
911	17.00	22.00	QUALITY DESCRIP/CONDUCT: 830
912	51.00	51.00	QUALITY DESCRIP/CONDUCT: 805

Stratigraphies

***4** records for RN* **42230702**

Source	Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			ALLUVIUM
DNR	2			MAIN RANGE VOLCANICS
DNR	3			MAIN RANGE VOLCANICS
DNR	4			MAIN RANGE VOLCANICS

Aquifers

4 ***records for RN*** **42230702**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	11.00	15.00	GRAV - Gravel SAND - Sand			N	770 US/CM		Y	UC	DALRYMPLE CREEK ALLUVIUM
2	17.00	22.00	BSLT - Basic Volcanic			N	830 US/CM		Y	VS	MAIN RANGE VOLCANICS
3	51.00	51.50	BSLT - Basic Volcanic			N	805 US/CM		N	VS	MAIN RANGE VOLCANICS
4	66.00	66.10	BSLT - Basic Volcanic	13/02/1970	-6.70	N			Y	VS	MAIN RANGE VOLCANICS

Pump Tests Part 1

0 ***records for RN*** **42230702**

Pump Tests Part 2

0 ***records for RN*** **42230702**

Bore Conditions

0 ***records for RN*** **42230702**

Elevations

4 ***records for RN*** **42230702**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	26/01/1971	529.29	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
B	26/01/1971	529.29	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
C	26/01/1971	529.29	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
X	26/01/1971	528.78	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	

Bore Report

From Year:

Water Analysis Part 1

15 *records for RN* 42230702

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	10/02/1970	1	GCL	044949	19.00	BA	GB	770	8.0		665.15	0.00	373	400	5.0	0.8	0.54
A	12/02/1970	1	GCL	044952	55.00	BA	GB	800	7.9		704.10	0.00	384	421	4.5	0.9	0.72
A	05/02/1979	1	GCL	080528		AI	GB	760	8.2	53	691.30	483.03	344	429	3.3	1.1	1.70
A	06/07/1979	1	GCL	081449	66.00	AI	GB	810	8.0	76	705.71	518.92	351	430	3.3	1.1	1.58
A	15/06/1984	1	GCL	105383		AI	GB	800	8.3	61	693.40	495.17	337	431	3.2	1.2	1.88
A	23/06/1989	1	GCL	129937		AI	GB	770	8.5	50	690.00	490.00	340	425	3.1	1.2	1.70
B	10/02/1970	1	GCL	044951	51.00	BA	GB	805	7.8		704.05	0.00	384	421	4.5	0.9	0.72
B	05/02/1979	1	GCL	080529		AI	GB	740	8.2	41	661.60	459.12	344	400	3.5	1.1	1.11
B	05/02/1979	2	GCL	080530	15.00	AI	GB	710	8.0	30	637.20	440.50	374	370	6.1	0.6	0.00
B	01/05/1979	1	GCL	081447	23.00	AI	GB	790	8.1	54	666.20	475.71	342	400	3.4	1.1	1.16
B	15/06/1984	1	GCL	105378		AI	GB	730	8.2	50	583.92	422.98	304	348	3.2	1.1	0.89
B	23/06/1989	1	GCL	129934		AI	GB	730	8.5	37	630.00	440.00	325	380	3.5	1.0	1.10
C	01/05/1979	1	GCL	081437	16.00	AI	GB	740	8.3	37	614.10	433.04	356	360	5.6	0.7	0.08
C	15/06/1984	1	GCL	105372		AI	GB	700	8.2	38	533.52	391.08	302	298	4.6	0.8	0.00
C	23/06/1989	1	GCL	129935		AI	GB	660	8.5	25	560.00	390.00	305	330	4.6	0.8	0.40

Water Analysis Part 2

15 *records for RN* 42230702

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	10/02/1970	1	34.0		44.0	64.0		488.0			35.0	0.15						
A	12/02/1970	1	39.0		60.0	57.0		513.0			35.0	0.10						
A	05/02/1979	1	48.0	3.5	44.0	57.0		514.0		4.8	20.0	0.00	0.0	0.0				
A	06/07/1979	1	49.0	4.0	45.0	58.0	0.16	517.0	0.55	3.6	27.0	0.10		1.0				
A	15/06/1984	1	49.0	3.6	41.0	57.0	0.00	510.0	0.00	7.7	25.0	0.10	0.0	0.0				

Bore Report

From Year:

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	23/06/1989	1	51.0	4.3	43.0	57.0	0.01	495.0	0.03	10.5	25.5	0.10	0.5	2.0				
B	10/02/1970	1	39.0		60.0	57.0		513.0			35.0	0.05						
B	05/02/1979	1	45.0	2.0	44.0	57.0		479.0		4.5	30.0	0.10	0.0	0.0				
B	05/02/1979	2	28.0	0.7	64.0	52.0		446.0		2.6	40.0	0.10	1.8	2.0				
B	01/05/1979	1	46.0	2.0	43.0	57.0		481.0		3.3	32.0	0.10	0.0	1.5				
B	15/06/1984	1	43.0	2.0	31.0	55.0	0.01	415.0	0.01	4.9	30.0	0.10	0.5	2.4				
B	23/06/1989	1	43.0	2.1	41.0	54.0	0.02	445.0	0.01	9.5	34.0	0.20	0.5	2.0				
C	01/05/1979	1	29.0	1.0	60.0	50.0	0.40	429.0	0.30	4.7	36.0	0.20	0.1	3.0				
C	15/06/1984	1	30.0	0.6	45.0	46.0	0.00	355.0	0.02	4.1	50.0	0.20	0.0	2.6				
C	23/06/1989	1	31.0	1.1	49.0	45.0	0.01	385.0	0.01	8.1	33.0	0.30	0.5	4.3				

Water Levels

716 ***records for RN*** **42230702**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/01/1971		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/1971		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1971		-6.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1971		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/11/1971		-6.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/02/1972		-6.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/05/1972		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/08/1972		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/11/1972		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/01/1973		-7.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/03/1973		-8.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/05/1973		-7.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/07/1973		-7.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/1973		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/12/1973		-7.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/02/1974		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1974		-6.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/07/1974		-6.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/1974		-7.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/11/1974		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1975		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/04/1975		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/06/1975		-10.08	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/08/1975		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/11/1975		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1976		-5.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/02/1976		-4.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/06/1976		-6.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/08/1976		-6.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/10/1976		-6.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/12/1976		-6.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/02/1977		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1977		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1977		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/09/1977		-6.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/11/1977		-7.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/1978		-7.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/03/1978		-11.19	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1978		-7.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/07/1978		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/09/1978		-6.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/11/1978		-6.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/01/1979		-6.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/03/1979		-6.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/1979		-7.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/07/1979		-7.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/09/1979		-7.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/11/1979		-7.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1980		-9.91	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/1980		-8.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1980		-7.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/1980		-7.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/09/1980		-8.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1980		-11.60	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1981		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1981		-7.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/1981		-7.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/06/1981		-7.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1981		-8.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/10/1981		-9.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/12/1981		-7.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/1982		-7.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/03/1982		-6.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/05/1982		-6.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/07/1982		-6.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/08/1982		-7.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/10/1982		-9.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/01/1983		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/03/1983		-9.67	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/05/1983		-7.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/05/1983		-7.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/06/1983		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1983		-6.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/1983		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/09/1983		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/12/1983		-5.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/02/1984		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/04/1984		-8.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1984		-7.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/08/1984		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/11/1984		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/02/1985		-7.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/05/1985		-7.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/08/1985		-7.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/11/1985		-8.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/03/1986		-7.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1986		-8.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	27/08/1986		-8.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/11/1986		-8.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/01/1987		-8.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/04/1987		-9.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1987		-9.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/08/1987		-9.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/11/1987		-9.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/01/1988		-8.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1988		-10.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/05/1988		-8.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/05/1988		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1988		-5.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/10/1988		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/01/1989		-8.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1989		-9.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/05/1989		-7.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/06/1989		-7.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1989		-7.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/09/1989		-7.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/11/1989		-7.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/02/1990		-7.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/05/1990		-7.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	01/08/1990		-6.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1990		-7.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/01/1991		-7.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/05/1991		-9.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/09/1991		-9.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/11/1991		-11.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-10.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/12/1991		-8.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-7.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-8.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-7.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-8.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-8.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-11.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1993		-9.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1993		-9.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-10.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1993		-11.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1993		-10.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/12/1993		-11.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/01/1994		-10.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/03/1994		-9.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1994		-10.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1994		-12.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/08/1994		-12.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/1994		-14.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1994		-11.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/1995		-12.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	31/01/1995		-11.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/03/1995		-10.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1995		-10.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/09/1995		-16.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1995		-11.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/02/1996		-8.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/06/1996		-7.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/08/1996		-6.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/1996		-7.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/03/1997		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/04/1997		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/07/1997		-7.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/12/1997		-8.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/02/1998		-7.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/07/1998		-7.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/10/1998		-7.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/01/1999		-7.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/05/1999		-9.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/08/1999		-8.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/10/1999		-7.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/02/2000		-7.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/06/2000		-7.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/09/2000		-12.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/01/2001		-8.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/03/2001		-8.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/07/2001		-8.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/10/2001		-7.76	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-8.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/05/2002		-8.79	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2002		-8.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-9.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-11.91	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-8.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/03/2003		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/05/2003		-8.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/09/2003		-9.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003		-9.10	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-8.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2004		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/2004		-7.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-8.98	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2004		-8.96	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2004		-8.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-9.64	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-9.37	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-9.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-9.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2005		-11.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005		-9.98	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-9.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/03/2006		-11.84	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-12.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-11.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-9.56	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2006		-10.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/01/2007		-16.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2007		-13.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-14.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-13.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-11.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007		-11.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007		-10.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008		-9.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-7.98	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/07/2008		-7.92	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-9.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-7.71	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2009		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-10.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/09/2009		-10.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/2010		-11.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/02/2010		-7.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/04/2010		-8.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/2010		-10.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-7.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/09/2010		-7.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-8.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-7.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/03/2011		-6.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/06/2011		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/09/2011		-7.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011		-7.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2011		-5.54	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/02/2012		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012		-10.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/03/2013		-6.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/06/2013		-6.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/2013		-8.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/11/2013		-11.58	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/2014		-14.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/04/2014		-9.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/06/2014		-8.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/09/2014		-13.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/12/2014		-12.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/03/2015		-10.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/06/2015		-11.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2015		-11.53	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	09/09/2015		-12.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/12/2015		-7.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-8.15	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	06/04/2016		-12.42	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2016		-8.16	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-11.86	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-8.00	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/04/2017		-7.53	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	14/07/2017	1355	-7.94	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-8.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-10.80	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-14.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/07/2018		-12.01	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/09/2018		-12.47	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2018		-12.47	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	09/01/2019		-14.85	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/02/2019		-12.53	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	04/05/1971		-5.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/07/1971		-5.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/09/1971		-5.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	23/11/1971		-5.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/02/1972		-5.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/05/1972		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/08/1972		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/11/1972		-5.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/01/1973		-5.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	27/03/1973		-5.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/05/1973		-5.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/07/1973		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/09/1973		-5.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/12/1973		-6.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/02/1974		-5.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/05/1974		-5.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	10/07/1974		-5.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	10/09/1974		-5.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/11/1974		-5.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/01/1975		-5.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/04/1975		-5.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	13/06/1975		-5.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/08/1975		-5.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	03/11/1975		-5.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/01/1976		-4.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/02/1976		-3.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/06/1976		-4.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	03/08/1976		-4.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/10/1976		-5.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/12/1976		-5.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/02/1977		-5.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/05/1977		-5.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/07/1977		-5.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/09/1977		-5.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
B	09/11/1977		-5.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	25/01/1978		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	16/03/1978		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	16/05/1978		-5.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	25/07/1978		-5.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	18/09/1978		-5.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	24/11/1978		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/01/1979		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/03/1979		-5.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	18/05/1979		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/07/1979		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/09/1979		-5.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	22/11/1979		-5.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	22/01/1980		-6.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	25/03/1980		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	21/05/1980		-6.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	17/07/1980		-5.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	17/09/1980		-6.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/11/1980		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/01/1981		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/02/1981		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/04/1981		-5.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	04/06/1981		-5.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	19/08/1981		-5.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/10/1981		-6.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	15/12/1981		-5.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	23/02/1982		-5.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/03/1982		-5.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/05/1982		-5.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/07/1982		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/08/1982		-5.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	26/10/1982		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/01/1983		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	16/03/1983		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	10/05/1983		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	17/05/1983		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/06/1983		-5.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/06/1983		-5.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/07/1983		-5.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/09/1983		-5.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/12/1983		-4.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	02/02/1984		-4.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/04/1984		-4.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/06/1984		-5.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/08/1984		-5.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/11/1984		-5.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/02/1985		-5.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/05/1985		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/08/1985		-5.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/11/1985		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
B	03/03/1986		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	16/05/1986		-6.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	27/08/1986		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	04/11/1986		-6.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	13/01/1987		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	03/04/1987		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/06/1987		-6.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	13/08/1987		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/11/1987		-6.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/01/1988		-6.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	14/03/1988		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	05/05/1988		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/05/1988		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/07/1988		-5.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	21/10/1988		-5.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	03/01/1989		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	14/03/1989		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/05/1989		-5.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/06/1989		-5.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/07/1989		-5.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	19/09/1989		-5.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	27/11/1989		-5.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	06/02/1990		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	21/05/1990		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	01/08/1990		-5.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	06/11/1990		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/01/1991		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/05/1991		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	04/09/1991		-6.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/11/1991		-7.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/11/1991		-7.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/12/1991		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/02/1992		-5.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/05/1992		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/08/1992		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/12/1992		-6.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/02/1993		-6.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/04/1993		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/05/1993		-7.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/07/1993		-8.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/09/1993		-8.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/11/1993		-8.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/12/1993		-8.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/01/1994		-9.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	31/03/1994		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/05/1994		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/07/1994		-7.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/08/1994		-8.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/10/1994		-8.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/11/1994		-8.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	11/01/1995		-9.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	31/01/1995		-9.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	02/03/1995		-8.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/05/1995		-9.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/09/1995		-10.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/11/1995		-10.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/02/1996		-6.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/06/1996		-5.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/08/1996		-5.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/11/1996		-5.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/03/1997		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/04/1997		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/07/1997		-6.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/12/1997		-6.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/02/1998		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/07/1998		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/10/1998		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/01/1999		-5.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/05/1999		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	26/08/1999		-6.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/10/1999		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	23/02/2000		-6.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/06/2000		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/09/2000		-6.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	04/01/2001		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	07/03/2001		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	17/07/2001		-6.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/10/2001		-6.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	17/01/2002		-6.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	14/05/2002		-6.47	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/08/2002		-6.58	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/10/2002		-7.56	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/01/2003		-8.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	06/02/2003		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	23/03/2003		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	29/05/2003		-6.74	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	10/09/2003		-6.56	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	25/11/2003		-7.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	30/01/2004		-6.60	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	23/03/2004		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/05/2004		-6.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	19/07/2004		-6.52	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	11/10/2004		-6.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	14/12/2004		-6.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	13/01/2005		-7.03	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/03/2005		-7.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	19/05/2005		-8.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	26/07/2005		-7.61	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	28/09/2005		-8.19	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	22/11/2005		-8.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	24/01/2006		-7.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	28/03/2006		-6.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	17/05/2006		-6.95	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/07/2006		-7.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	31/08/2006		-7.97	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	14/12/2006		-9.22	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	18/01/2007		-9.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/03/2007		-10.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	03/05/2007		-10.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/07/2007		-10.69	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/09/2007		-10.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/11/2007		-10.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/11/2007		-9.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/03/2008		-6.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/06/2008		-6.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/07/2008		-6.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	19/09/2008		-6.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/01/2009		-6.03	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/06/2009		-5.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/08/2009		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/09/2009		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/01/2010		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/02/2010		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/04/2010		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/05/2010		-6.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	21/07/2010		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	16/09/2010		-6.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	17/11/2010		-5.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	16/02/2011		-5.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	29/03/2011		-5.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/05/2011		-5.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/06/2011		-5.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/09/2011		-5.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/11/2011		-5.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/12/2011		-5.61	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	13/02/2012		-5.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	23/04/2012		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/07/2012		-5.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/05/2013		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	13/11/2013		-6.52	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	26/09/2014		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/12/2015		-6.18	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	15/07/2016		-6.45	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	27/01/2017		-6.36	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	20/04/2017		-6.13	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	14/07/2017		-6.48	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	28/09/2018		-8.13	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	09/01/2019		-8.19	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	26/02/2019		-8.97	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	04/05/1971		-5.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
C	08/07/1971		-5.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	09/09/1971		-5.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	23/11/1971		-5.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	24/02/1972		-5.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	30/05/1972		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	21/08/1972		-5.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/11/1972		-5.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	09/01/1973		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	27/03/1973		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/05/1973		-5.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	20/07/1973		-5.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	28/09/1973		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	24/12/1973		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	27/02/1974		-4.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	07/05/1974		-5.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	10/07/1974		-5.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	10/09/1974		-5.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	25/11/1974		-5.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	28/01/1975		-5.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	07/04/1975		-5.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	13/06/1975		-5.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	25/08/1975		-5.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	03/11/1975		-5.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/01/1976		-4.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	20/02/1976		-3.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	08/06/1976		-4.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	03/08/1976		-4.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/10/1976		-4.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/12/1976		-5.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	24/02/1977		-5.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	05/05/1977		-5.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	08/07/1977		-5.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	12/09/1977		-5.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/11/1977		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/01/1978		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	16/03/1978		-5.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	16/05/1978		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/07/1978		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	18/09/1978		-5.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	24/11/1978		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/01/1979		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/03/1979		-5.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	18/05/1979		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/07/1979		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/09/1979		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/11/1979		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/01/1980		-5.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/03/1980		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/05/1980		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	17/07/1980		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
C	20/11/1980		-6.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/01/1981		-6.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	23/02/1981		-5.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	23/04/1981		-5.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	04/06/1981		-5.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	19/08/1981		-5.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/10/1981		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/12/1981		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	23/02/1982		-5.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	30/03/1982		-5.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	06/05/1982		-5.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	05/07/1982		-5.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	27/08/1982		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	26/10/1982		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	05/01/1983		-5.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	16/03/1983		-6.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	10/05/1983		-5.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	17/05/1983		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	06/06/1983		-5.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	15/06/1983		-5.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	11/07/1983		-5.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	14/09/1983		-5.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	06/12/1983		-4.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	02/02/1984		-4.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
C	05/04/1984		-4.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	15/06/1984		-5.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	28/08/1984		-5.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/11/1984		-5.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	05/02/1985		-5.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/05/1985		-5.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	28/08/1985		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	19/11/1985		-6.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	03/03/1986		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	16/05/1986		-6.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	27/08/1986		-6.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	04/11/1986		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	13/01/1987		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	03/04/1987		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	15/06/1987		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	13/08/1987		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/11/1987		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	15/01/1988		-6.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	14/03/1988		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	05/05/1988		-5.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/05/1988		-5.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/07/1988		-5.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/10/1988		-5.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	03/01/1989		-5.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	14/03/1989		-6.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/05/1989		-5.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	23/06/1989		-5.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/07/1989		-5.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	19/09/1989		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	27/11/1989		-5.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/02/1990		-5.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/05/1990		-5.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	01/08/1990		-5.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/11/1990		-5.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/01/1991		-6.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	27/05/1991		-6.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	04/09/1991		-6.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	05/11/1991		-6.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/11/1991		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	19/12/1991		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	12/02/1992		-5.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	19/05/1992		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	19/08/1992		-6.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/12/1992		-6.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/02/1993		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	27/04/1993		-7.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/05/1993		-7.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/07/1993		-8.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/09/1993		-8.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/11/1993		-8.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/12/1993		-8.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	24/01/1994		-9.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	31/03/1994		-6.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/05/1994		-6.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/07/1994		-7.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	18/08/1994		-8.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	05/10/1994		-8.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	08/11/1994		-8.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/01/1995		-9.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	31/01/1995		-9.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	02/03/1995		-8.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/05/1995		-9.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/09/1995		-10.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/11/1995		-10.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/02/1996		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	20/06/1996		-5.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	14/08/1996		-5.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/11/1996		-5.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	12/03/1997		-5.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	30/04/1997		-6.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	30/07/1997		-6.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/12/1997		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/02/1998		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/07/1998		-6.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	08/10/1998		-5.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	28/01/1999		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	20/05/1999		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/08/1999		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	28/10/1999		-6.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/02/2000		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/06/2000		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	22/09/2000		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	04/01/2001		-6.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/03/2001		-6.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	17/07/2001		-6.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/10/2001		-6.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	17/01/2002		-6.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	14/05/2002		-6.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	31/08/2002		-6.54	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	31/10/2002		-7.56	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	31/01/2003		-8.63	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	06/02/2003		-6.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/03/2003		-5.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	29/05/2003		-6.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	10/09/2003		-6.52	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	25/11/2003		-7.20	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	30/01/2004		-6.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	23/03/2004		-5.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	18/05/2004		-6.07	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	19/07/2004		-6.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	11/10/2004		-6.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	14/12/2004		-6.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	13/01/2005		-6.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	24/03/2005		-7.80	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	19/05/2005		-8.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	26/07/2005		-7.61	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	28/09/2005		-8.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	22/11/2005		-8.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	24/01/2006		-7.32	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	28/03/2006		-6.52	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	17/05/2006		-6.80	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	12/07/2006		-7.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	31/08/2006		-7.90	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	14/12/2006		-9.17	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	18/01/2007		-9.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	07/03/2007		-10.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	03/05/2007		-10.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/07/2007		-10.69	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	12/09/2007		-10.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/11/2007		-10.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/03/2008		-6.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	12/06/2008		-6.17	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	24/07/2008		-6.17	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	30/01/2009		-5.95	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	12/06/2009		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	14/08/2009		-6.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	21/09/2009		-6.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	25/01/2010		-6.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	11/02/2010		-5.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/04/2010		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	24/05/2010		-6.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/07/2010		-6.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	16/09/2010		-6.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	17/11/2010		-5.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	16/02/2011		-5.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	29/03/2011		-5.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	12/05/2011		-5.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	21/06/2011		-5.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	06/09/2011		-5.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	30/11/2011		-5.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	14/12/2011		-5.88	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	13/02/2012		-5.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	23/04/2012		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	09/07/2012		-5.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	27/05/2013		-5.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	13/11/2013		-6.28	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	26/09/2014		-6.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
C	18/12/2015		-6.07	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	15/07/2016		-6.36	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
C	27/01/2017		-6.26	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	20/04/2017		-6.06	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
C	14/07/2017		-6.40	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
C	28/09/2018		-8.01	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
C	26/02/2019		-8.83	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
X	13/02/1970		-6.70	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **42230702**

Field Measurements

3 ***records for RN*** **42230702**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	13/11/2013	25.00	786	7.3	22.6					PW	Pump - WaTerra	GB	Groundwater - from Bore
B	13/11/2013	19.00	724	7.7	19.9					PW	Pump - WaTerra	GB	Groundwater - from Bore
C	13/11/2013	10.00	762	7.1	20.2					PW	Pump - WaTerra	GB	Groundwater - from Bore

Special Water Analysis

0 ***records for RN*** **42230702**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42230745	Sub-Artesian Facility	Existing	15/08/1973	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description			
Parish	2041 - GLENGALLAN		
Original Name	B6		
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line	GCY - GLENGALLAN CREEK LINE TWO		
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-03-46	**Basin**	4223
Longitude	152-11-14	**Sub-area**	140
GIS Latitude	-28.06297951	**Lot**	
GIS Longitude	152.187227577	**Plan**	
Easting	420131		
Northing	6895555	**Map Scale**	
Zone	56	**Map Series**	C - Commission (DNR/QWRC/IWSC)
Accuracy	INSP	**Map No**	K2-58145
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

1 ***records for RN*** **42230745**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	15/08/1973	1	0.00	21.50	Plastic Casing			51

Strata Logs

9 ***records for RN*** **42230745**

Rec	Top (m)	Bottom (m)	Strata Description

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.70	TOP SOIL
2	0.70	7.50	SILT
3	7.50	9.70	SANDY SILT
4	9.70	15.50	SILT,SAND & GRAVEL
5	15.50	21.00	CLAYBOUND GRAVEL
6	21.00	21.80	SAND & GRAVEL
7	21.80	22.50	CLAYBOUND SAND & GRAVEL
902			14/08/1973 SWL -7.51 M TMP NUL C
910	15.50	21.80	QUALITY DESCRIP/CONDUCT: POTABLE

Stratigraphies

1 *records for RN* **42230745**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00		GLENGALLAN CREEK ALLUVIUM

Aquifers

1 *records for RN* **42230745**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	15.50	21.80	CGRY - Clayey Gravel GRAV - Gravel SAND - Sand						Y	UC	GLENGALLAN CREEK ALLUVIUM

Pump Tests Part 1

0 *records for RN* **42230745**

Pump Tests Part 2

0 *records for RN* **42230745**

Bore Conditions

0 *records for RN* **42230745**

Elevations

3 *records for RN* **42230745**

Bore Report

From Year:

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	28/09/1973	490.05	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
A	14/07/1993	489.99	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	
X	28/09/1973	489.56	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	

Water Analysis Part 1

5 *records for RN* **42230745**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	19/02/1976	1	GCL	067922	22.00	AI	GB	870	7.9	26	690.40	476.99	389	390	5.1	0.8	0.02
A	07/11/1978	1	GCL	079802			GB	910	7.9	36	649.10	454.84	362	375	4.3	0.9	0.26
A	27/04/1979	1	GCL	081445	22.00	AI	GB	950	7.9	43	826.60	563.10	460	500	5.9	0.7	0.80
A	24/05/1984	1	GCL	104836		AI	GB	780	8.2	42	716.18	493.87	400	436	5.9	0.7	0.73
A	17/04/1989	1	GCL	129528		AI	GB	710	8.1		610.00	380.00	330	375	5.3	0.7	0.90

Water Analysis Part 2

5 *records for RN* **42230745**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	19/02/1976	1	35.0	1.2	60.0	58.0		471.0		2.1	37.0	0.10	0.0	26.0				
A	07/11/1978	1	39.0	1.0	51.0	57.0		453.0		2.1	45.0	0.10	0.9					
A	27/04/1979	1	36.0	1.0	87.0	59.0		603.0		3.4	34.0	0.10	0.0	2.0				
A	24/05/1984	1	31.0	0.9	71.0	54.0	0.00	520.0	0.08	6.0	28.0	0.10	0.0	5.1				
A	17/04/1989	1	29.0	1.2	62.0	43.0	0.01	450.0	0.01	3.5	23.0	0.10	0.5	2.0				

Water Levels

282 *records for RN* **42230745**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality	
A	28/09/1973		-8.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/12/1973		-8.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/02/1974		-6.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1974		-7.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/07/1974		-7.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/1974		-7.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/11/1974		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/01/1975		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/04/1975		-7.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/06/1975		-7.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/08/1975		-7.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/11/1975		-7.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1976		-6.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/02/1976		-4.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/06/1976		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/08/1976		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/10/1976		-6.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/12/1976		-5.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/02/1977		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1977		-6.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1977		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/09/1977		-7.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/11/1977		-7.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/1978		-7.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/03/1978		-7.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1978		-7.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/07/1978		-7.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	18/09/1978		-7.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/11/1978		-7.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/01/1979		-7.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/03/1979		-7.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	18/05/1979		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/07/1979		-7.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/09/1979		-7.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/11/1979		-8.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/01/1980		-8.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/03/1980		-8.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/05/1980		-8.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/07/1980		-8.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/09/1980		-8.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/11/1980		-9.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/01/1981		-9.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/02/1981		-8.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/04/1981		-8.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/06/1981		-8.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/08/1981		-8.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/10/1981		-9.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/12/1981		-8.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/02/1982		-8.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/03/1982		-6.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/03/1982		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/05/1982		-7.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	06/05/1982		-8.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/07/1982		-8.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/08/1982		-8.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/10/1982		-8.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/01/1983		-8.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/02/1983		-9.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	16/03/1983		-9.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/05/1983		-8.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/05/1983		-8.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/06/1983		-8.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1983		-8.11	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/07/1983		-7.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/08/1983		-7.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/09/1983		-7.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/11/1983		-7.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/11/1983		-7.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/02/1984		-7.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/04/1984		-7.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/05/1984		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/08/1984		-7.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/11/1984		-7.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/02/1985		-7.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/05/1985		-8.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/08/1985		-8.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/11/1985		-8.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/03/1986		-9.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1986		-9.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/08/1986		-9.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/09/1986		-10.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/1986		-10.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/10/1986		-10.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/11/1986		-10.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/12/1986		-9.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/01/1987		-10.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/02/1987		-9.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/04/1987		-9.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1987		-10.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/08/1987		-10.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1987		-10.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1988		-10.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1988		-10.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/04/1988		-8.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/1988		-8.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/05/1988		-9.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/06/1988		-8.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1988		-8.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1988		-8.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/10/1988		-8.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/1989		-9.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1989		-9.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/04/1989		-8.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/05/1989		-8.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1989		-8.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/1989		-8.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/11/1989		-8.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/1990		-8.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1990		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/08/1990		-8.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1990		-8.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/1991		-9.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1991		-9.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/05/1991		-10.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/08/1991		-10.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1991		-10.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/09/1991		-10.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/09/1991		-10.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/10/1991		-10.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/10/1991		-10.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/11/1991		-10.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-10.93	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/12/1991		-10.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/12/1991		-10.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/12/1991		-10.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/12/1991		-10.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/1992		-10.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	29/01/1992		-10.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/02/1992		-9.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/04/1992		-10.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/04/1992		-10.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/05/1992		-10.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/05/1992		-10.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/07/1992		-10.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/08/1992		-10.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/08/1992		-10.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/11/1992		-10.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/12/1992		-10.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/12/1992		-10.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/01/1993		-11.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/02/1993		-11.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/03/1993		-12.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/04/1993		-12.52	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/04/1993		-12.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	01/06/1993		-12.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1993		-12.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/09/1993		-13.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/11/1993		-13.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/12/1993		-13.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/01/1994		-13.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	31/03/1994		-11.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1994		-12.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/07/1994		-13.53	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/08/1994		-13.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/1994		-14.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1994		-14.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/1995		-14.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/1995		-14.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/03/1995		-13.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1995		-14.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/09/1995		-14.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1995		-14.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/11/1995		-13.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/12/1995		-12.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/02/1996		-11.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/06/1996		-9.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/08/1996		-9.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1996		-8.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/03/1997		-9.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/04/1997		-10.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/07/1997		-10.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/12/1997		-10.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/02/1998		-9.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/1998		-11.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1998		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/1998		-8.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-8.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/05/1999		-8.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-8.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-8.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/12/1999		-7.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/2000		-8.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2000		-8.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-10.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/2001		-10.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-9.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/06/2001		-9.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-9.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/10/2001		-10.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-10.13	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/05/2002		-10.60	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/08/2002		-11.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2002		-12.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-12.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002		-12.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002		-12.76	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-13.04	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-11.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003		-12.47	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/04/2003		-12.30	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/06/2003		-12.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/07/2003		-12.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/09/2003		-12.90	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003		-13.13	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/02/2004		-11.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-12.13	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/09/2004		-13.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2004		-13.16	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2004		-12.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-12.99	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-13.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-13.64	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-12.84	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/08/2005		-13.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2005		-13.90	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005		-13.93	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-13.50	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-13.21	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-13.95	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-14.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-14.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/09/2006		-14.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2006		-15.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/01/2007		-15.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-14.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-15.62	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-15.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/11/2007		-14.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008		-12.58	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-12.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/06/2008		-12.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/07/2008		-12.55	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-12.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-12.39	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/06/2009		-11.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-11.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/09/2009		-11.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/2010		-12.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/2010		-11.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-11.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/08/2010		-10.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/09/2010		-10.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/2010		-10.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-10.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/09/2010		-10.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/10/2010		-10.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/11/2010		-10.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-8.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/08/2011		-9.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011		-8.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2011		-8.57	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/02/2012		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012		-8.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012		-8.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/2013		-10.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/04/2013		-8.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/07/2013		-8.34	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/11/2013		-8.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/12/2013		-8.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/04/2014		-9.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/07/2014		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/10/2014		-10.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/01/2015		-9.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/04/2015		-9.34	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2015		-9.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/10/2015		-10.87	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-9.67	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/04/2016		-10.21	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2016		-9.56	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-9.00	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-9.10	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/04/2017		-8.45	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	14/07/2017	1426	-8.82	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-9.41	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-9.84	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-9.21	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/07/2018		-10.34	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/09/2018		-11.57	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-11.81	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
C	21/11/2007		-15.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
X	15/08/1973		-7.50	N	Natural Surface		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **42230745**

Field Measurements

0 ***records for RN*** **42230745**

Special Water Analysis

0 ***records for RN*** **42230745**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42231330	Sub-Artesian Facility	Existing	12/03/1986	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	ON ROAD RSV SEPARATING P63 & P62		
Parish	84 - ALLORA		
Original Name			
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-02-05	**Basin**	4223
Longitude	151-59-51	**Sub-area**	220
GIS Latitude	-28.03483944	**Lot**	62
GIS Longitude	151.9974129	**Plan**	A22
Easting	401452		
Northing	6898533	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy	GPS	**Map No**	5954
GPS Accuracy	5	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

3 ***records for RN*** **42231330**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	12/03/1986	1	0.00	20.00	Plastic Casing	3.350	WT - Wall Thickness	50
A	12/03/1986	2	14.00	18.00	Perforated or Slotted Casing	2.000	AP - Aperture Size	50
X	12/03/1986	1	0.00	20.00	Gravel Pack	9.500	GR - Gravel Size	203

Strata Logs

6 ***records for RN*** **42231330**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	0.80	BROWN SOIL DRILLER C MALONE 12/3/86
2	0.80	14.60	BROWN SILTY LOAM BANDS OF SAND
3	14.60	15.30	GRAVEL WITH BANDS OF CLAY
4	15.30	17.00	COARSE GRAVEL
5	17.00	19.40	CLAYBOUND GRAVEL
6	19.40	20.00	SANDSTONE & SHALE

Stratigraphies

1 *records for RN* **42231330**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	19.40	DALRYMPLE CREEK ALLUVIUM

Aquifers

1 *records for RN* **42231330**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	14.60	19.40	BLDR - Boulder(s) CLAY - Clay GRAV - Gravel			N			Y	UC	DALRYMPLE CREEK ALLUVIUM

Pump Tests Part 1

0 *records for RN* **42231330**

Pump Tests Part 2

0 *records for RN* **42231330**

Bore Conditions

0 *records for RN* **42231330**

Elevations

2 *records for RN* **42231330**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	12/03/1986	469.30	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	11661

Bore Report

From Year:

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
X	12/03/1986	468.69	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	11661

Water Analysis Part 1

12 *records for RN* 42231330

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	07/04/1986	1	GCL	115155	17.00		GB	1200	8.2	41	890.00	660.00	500	455	3.9	1.2	0.00
A	20/06/1989	1	GCL	129916		AI	GB	1200	8.1		980.00	670.00	570	510	4.6	1.0	0.00
A	21/08/2002	1	GCL	213953	15.00	PU	GB	1197	7.8	48	990.49	705.04	558	543	4.7	1.0	0.00
A	05/11/2003	1	GCL	213978	15.00	PA	GB	1222	7.6	42	1054.24	740.54	608	576	5.1	1.0	0.00
A	17/11/2004	1	GCL	208841	15.00	PF	GB	1200	7.8	46	1070.00	758.00	632	576	5.4	0.9	0.00
A	16/11/2005	1	GCL	214972	13.00	PF	GB	1270	7.6	46	1040.00	740.00	624	568	5.6	0.9	0.00
A	22/09/2006	1	GCL	219775	18.00	PF	GB	1270	7.9	46	1030.00	736.00	615	550	5.2	1.0	0.00
A	20/11/2007	1	GCL	224846	17.00	PF	GB	1340	7.9	45	1070.00	768.00	651	573	5.8	0.9	0.00
A	15/12/2011	1	GCL	303532	12.00	PF	GB	1240	7.9	44	1010.00	718.00	583	549	5.0	1.0	0.00
A	14/05/2014	1	GCL	307712	16.00	PB	GB	1570	7.7	44	1140.00	851.00	682	537	5.4	1.0	0.00
A	19/05/2015	1	GCL	324904	12.00	PF	GB	1480	7.5	44	1150.00	844.00	689	572	5.6	0.9	0.00
A	30/05/2018	1	GCL	330837		PA	GB	1760	7.7	45	1260.00	959.00	785	562	5.6	1.0	0.00

Water Analysis Part 2

12 *records for RN* 42231330

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	07/04/1986	1	59.0	0.9	48.0	92.0	0.00	540.0	0.00	6.5	140.0	0.10	0.0	2.7				
A	20/06/1989	1	57.0	0.5	71.0	95.0	0.01	610.0	0.01	5.6	135.0	0.10	0.8	3.2				
A	21/08/2002	1	54.8	0.9	79.7	87.4	0.00	656.6	0.00	2.7	104.6	0.11	0.3	3.3	0.01	0.00	0.09	0.00
A	05/11/2003	1	54.7	0.8	91.5	92.3	0.06	699.0	0.00	1.8	111.5	0.14	0.0	2.6	0.00	0.00	0.00	0.01
A	17/11/2004	1	54.0	0.9	100.0	93.0	0.03	697.0	<0.01	3.0	116.0	0.10	<1.0	<4.0	<0.01	<0.05	0.01	<0.03
A	16/11/2005	1	51.0	0.8	99.0	92.0	0.20	689.0	<0.01	1.6	109.0	0.10	<0.5	2.1	<0.01	<0.05	0.02	<0.03

Bore Report

From Year:

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	22/09/2006	1	54.0	0.9	98.0	90.0	<0.03	665.0	<0.01	3.2	113.0	1.40	<0.5	2.9	<0.01	<0.05	0.02	<0.03
A	20/11/2007	1	51.0	0.9	102.0	96.0	<0.01	690.0	<0.01	4.1	127.0	0.09	<0.5	1.3	<0.01	<0.05	0.02	<0.03
A	15/12/2011	1	53.0	0.8	96.0	83.0	0.03	664.0	<0.01	2.8	110.0	0.08	<0.5	3.3	<0.01	<0.05	0.02	<0.03
A	14/05/2014	1	58.0	1.0	111.0	98.0	<0.01	651.0	<0.01	2.1	210.0	<0.10	2.0	3.4	<0.01	<0.05	<0.02	<0.03
A	19/05/2015	1	57.0	1.0	113.0	99.0	0.08	695.0	<0.01	1.6	180.0	0.07	1.4	3.3	<0.01	<0.05	0.02	<0.03
A	30/05/2018	1	65.0	1.1	130.0	110.0	0.01	681.0	<0.01	2.2	260.0	0.10	2.7	4.0	<0.01	<0.05	<0.02	<0.03

Water Levels

2328 ***records for RN*** **42231330**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/04/1986		-9.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/05/1986		-9.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/09/1986		-9.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/11/1986		-9.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/01/1987		-9.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/03/1987		-9.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1987		-9.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/08/1987		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1987		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1988		-9.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1988		-9.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/05/1988		-8.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/05/1988		-8.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1988		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1988		-8.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/10/1988		-8.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/01/1989		-9.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1989		-9.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/05/1989		-8.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/06/1989		-8.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1989		-9.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/1989		-9.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/11/1989		-9.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/1990		-9.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1990		-9.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/08/1990		-9.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1990		-9.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1991		-9.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/05/1991		-9.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/09/1991		-9.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-9.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/01/1992		-9.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-9.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-9.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-9.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-9.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-10.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1993		-10.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-10.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1993		-10.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	11/11/1993		-10.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	16/12/1993		-10.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/01/1994		-10.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/03/1994		-10.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1994		-10.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1994		-10.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/08/1994		-10.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/10/1994		-10.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/11/1994		-11.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/01/1995		-11.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	31/01/1995		-11.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/03/1995		-10.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/05/1995		-10.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/09/1995		-11.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1995		-11.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/12/1995		-10.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/02/1996		-9.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/06/1996		-9.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/08/1996		-9.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/1996		-9.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/03/1997		-9.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/04/1997		-10.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/07/1997		-10.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/12/1997		-10.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/02/1998		-10.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/07/1998		-10.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1998		-9.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-9.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/05/1999		-9.49	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-9.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-9.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/2000		-9.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/06/2000		-9.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-9.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/2001		-9.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-9.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-9.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/10/2001		-9.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-9.91	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/05/2002		-10.19	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/08/2002		-10.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2002		-10.65	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-10.76	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002		-10.81	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002		-10.85	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-11.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-10.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003		-10.44	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2003		-10.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/04/2003		-10.30	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/05/2003		-10.49	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	05/08/2003		-10.69	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/09/2003		-10.84	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	05/11/2003		-11.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/11/2003		-11.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-10.68	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2004		-10.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/2004		-10.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-10.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2004		-10.72	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/11/2004		-10.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/11/2004		-10.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-10.58	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-11.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-11.37	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-11.48	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/09/2005		-11.63	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/11/2005		-11.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/11/2005		-11.44	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-10.91	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-11.41	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-11.68	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2006		-11.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2006		-12.08	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/01/2007		-12.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/03/2007		-12.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-12.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-12.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-12.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007		-11.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007		-10.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/2008		-10.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008		-9.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-9.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/07/2008		-9.70	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-9.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-9.69	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2009		-9.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-9.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2009		-9.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/2010		-9.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/02/2010		-9.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/04/2010		-9.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/2010		-9.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-9.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-9.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-9.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-8.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/03/2011		-8.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/03/2011		-8.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/03/2011		-8.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2011		-8.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2011		-8.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2011		-8.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2011		-8.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2011		-8.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2011		-8.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2011		-8.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2011		-8.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2011		-8.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2011		-8.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2011		-8.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2011		-8.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2011		-8.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/04/2011		-8.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2011		-8.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/04/2011		-8.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2011		-8.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2011		-8.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/04/2011		-8.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/04/2011		-8.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/04/2011		-8.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/04/2011		-8.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/04/2011		-8.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/04/2011		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/04/2011		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/04/2011		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/04/2011		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/04/2011		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/04/2011		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/04/2011		-8.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/05/2011		-8.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/05/2011		-8.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/05/2011		-8.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/05/2011		-8.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/05/2011		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/05/2011		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/05/2011		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/05/2011		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/05/2011		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/05/2011		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/05/2011		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2011		-8.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/05/2011		-8.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2011		-8.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2011		-8.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2011		-8.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2011		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2011		-8.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2011		-8.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2011		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2011		-8.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2011		-8.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/05/2011		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/05/2011		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/05/2011		-8.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2011		-8.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2011		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2011		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2011		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2011		-8.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/06/2011		-8.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2011		-8.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2011		-8.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/06/2011		-8.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2011		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2011		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2011		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2011		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2011		-8.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/06/2011		-8.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/06/2011		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2011		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/06/2011		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2011		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/06/2011		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2011		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2011		-8.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2011		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2011		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2011		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2011		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2011		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2011		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2011		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2011		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2011		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2011		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2011		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2011		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/07/2011		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/07/2011		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2011		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2011		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2011		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2011		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2011		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2011		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2011		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2011		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2011		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2011		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2011		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2011		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2011		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2011		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2011		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2011		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2011		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2011		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2011		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2011		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2011		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/08/2011		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2011		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2011		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2011		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2011		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2011		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2011		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2011		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2011		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2011		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2011		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2011		-9.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/09/2011		-8.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/09/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2011		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2011		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2011		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2011		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/09/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/09/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/10/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2011		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2011		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/10/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2011		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/11/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2011		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/11/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2011		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/11/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/11/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2011		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2011		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2011		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/11/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2011		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2011		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/11/2011		-9.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/12/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/12/2011		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/12/2011		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/12/2011		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/12/2011		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/12/2011		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/12/2011		-8.84	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2011		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/12/2011		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2011		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2011		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/12/2011		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/12/2011		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/12/2011		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/12/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/12/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/12/2011		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/01/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/01/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/01/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2012		-9.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/01/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/01/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2012		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2012		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2012		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2012		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2012		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2012		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2012		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2012		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2012		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2012		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/02/2012		-8.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/02/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/02/2012		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/02/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2012		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/02/2012		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2012		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2012		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2012		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/02/2012		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2012		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/02/2012		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/02/2012		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2012		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2012		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2012		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2012		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2012		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2012		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2012		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2012		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2012		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	15/03/2012		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2012		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2012		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2012		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2012		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2012		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2012		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2012		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2012		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2012		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2012		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2012		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2012		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2012		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2012		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2012		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/04/2012		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2012		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/04/2012		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/04/2012		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/04/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/04/2012		-8.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/04/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/04/2012		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/04/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/04/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/04/2012		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/04/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/04/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/05/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/05/2012		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/05/2012		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/05/2012		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/05/2012		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/05/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/05/2012		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/05/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/05/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/05/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/05/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/05/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2012		-9.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/05/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/05/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/05/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2012		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/06/2012		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/06/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/06/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2012		-9.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/07/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2012		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2012		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2012		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2012		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2012		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2012		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2012		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2012		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/09/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/09/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/09/2012		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2012		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2012		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2012		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2012		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2012		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2012		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2012		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2012		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2012		-9.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/10/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2012		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2012		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2012		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2012		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2012		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/10/2012		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2012		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2012		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2012		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/11/2012		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/11/2012		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2012		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2012		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2012		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2012		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/11/2012		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2012		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2012		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2012		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2012		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2012		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	20/11/2012		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	21/11/2012		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	22/11/2012		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/11/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/11/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/11/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/11/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/11/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/11/2012		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/11/2012		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/11/2012		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/12/2012		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/12/2012		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/12/2012		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/12/2012		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/12/2012		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	07/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	14/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	15/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2012		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2012		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2012		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2012		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2012		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2012		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/12/2012		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/12/2012		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/12/2012		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/12/2012		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/12/2012		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/12/2012		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/12/2012		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/12/2012		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/12/2012		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/12/2012		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/01/2013		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2013		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/01/2013		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2013		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2013		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2013		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/01/2013		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2013		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/01/2013		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2013		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2013		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/01/2013		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2013		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2013		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2013		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2013		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2013		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2013		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2013		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2013		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2013		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2013		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2013		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2013		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2013		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2013		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2013		-7.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2013		-7.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2013		-8.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2013		-8.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2013		-8.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2013		-8.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/02/2013		-8.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2013		-8.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2013		-8.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2013		-8.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2013		-8.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2013		-8.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2013		-8.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2013		-8.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2013		-8.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2013		-8.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/02/2013		-8.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/02/2013		-8.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2013		-8.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2013		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/02/2013		-8.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/02/2013		-8.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2013		-8.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/02/2013		-8.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2013		-8.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2013		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2013		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/02/2013		-8.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2013		-8.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/02/2013		-8.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2013		-8.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2013		-8.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2013		-7.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2013		-8.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2013		-8.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2013		-8.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2013		-8.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2013		-8.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2013		-8.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2013		-8.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2013		-8.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2013		-8.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2013		-8.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2013		-8.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2013		-8.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2013		-8.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2013		-8.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2013		-8.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2013		-8.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2013		-8.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2013		-8.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2013		-8.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2013		-8.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2013		-8.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/03/2013		-8.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2013		-8.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2013		-8.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2013		-8.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2013		-8.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2013		-8.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2013		-8.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2013		-8.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2013		-8.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2013		-8.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2013		-8.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2013		-8.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/04/2013		-8.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2013		-8.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2013		-8.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2013		-8.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2013		-8.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2013		-8.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2013		-8.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/04/2013		-8.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/04/2013		-8.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/04/2013		-8.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	19/04/2013		-8.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	20/04/2013		-8.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	21/04/2013		-8.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	22/04/2013		-8.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	23/04/2013		-8.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	24/04/2013		-8.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	25/04/2013		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	26/04/2013		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	27/04/2013		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	28/04/2013		-8.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	29/04/2013		-8.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	30/04/2013		-8.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	01/05/2013		-8.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	02/05/2013		-8.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	03/05/2013		-8.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	04/05/2013		-8.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	05/05/2013		-8.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	06/05/2013		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	07/05/2013		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	08/05/2013		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	09/05/2013		-8.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	10/05/2013		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	11/05/2013		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	12/05/2013		-8.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality
A	13/05/2013		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/05/2013		-8.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2013		-8.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2013		-8.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2013		-8.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/05/2013		-8.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2013		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2013		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2013		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2013		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/05/2013		-8.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2013		-8.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2013		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2013		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2013		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/05/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/05/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/05/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2013		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2013		-8.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2013		-8.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/06/2013		-8.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/06/2013		-8.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/06/2013		-8.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2013		-8.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/06/2013		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2013		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2013		-8.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2013		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2013		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2013		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2013		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2013		-8.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2013		-8.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/07/2013		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2013		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2013		-8.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2013		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2013		-8.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2013		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2013		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/07/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2013		-8.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2013		-8.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2013		-8.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2013		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2013		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2013		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2013		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2013		-8.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2013		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2013		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2013		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2013		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2013		-8.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2013		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2013		-8.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2013		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2013		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/08/2013		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2013		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2013		-8.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/08/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/09/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2013		-8.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2013		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2013		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/09/2013		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2013		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2013		-8.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/2013		-8.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2013		-8.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2013		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2013		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/10/2013		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2013		-9.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2013		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2013		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2013		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/10/2013		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2013		-9.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2013		-9.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2013		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2013		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2013		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2013		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2013		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/10/2013		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/10/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2013		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2013		-9.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2013		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2013		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/11/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2013		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/11/2013		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2013		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2013		-9.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2013		-9.07	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/11/2013		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2013		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2013		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/11/2013		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/11/2013		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/12/2013		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2013		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2013		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2013		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/12/2013		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/12/2013		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/12/2013		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/12/2013		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/12/2013		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/12/2013		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/12/2013		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/12/2013		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/12/2013		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2013		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2013		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/12/2013		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/12/2013		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/12/2013		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/12/2013		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/12/2013		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/12/2013		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/12/2013		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/12/2013		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/01/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/01/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/01/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/02/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/02/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/02/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2014		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2014		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/02/2014		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/02/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2014		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2014		-9.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2014		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2014		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2014		-9.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2014		-9.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2014		-9.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/03/2014		-9.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2014		-9.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2014		-9.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2014		-9.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2014		-9.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2014		-9.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2014		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2014		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2014		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2014		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2014		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2014		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/04/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2014		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2014		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2014		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/04/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2014		-9.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2014		-9.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2014		-9.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2014		-9.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/05/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/05/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/05/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	18/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2014		-9.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2014		-9.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2014		-9.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2014		-9.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2014		-9.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2014		-9.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/08/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2014		-9.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	01/09/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2014		-9.30	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	26/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2014		-9.28	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2014		-9.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2014		-9.31	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2014		-9.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	21/10/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2014		-9.34	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2014		-9.35	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2014		-9.37	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2014		-9.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/11/2014		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2014		-9.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2014		-9.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2014		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2014		-9.38	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2014		-9.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	15/11/2014		-9.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2014		-9.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2014		-9.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2014		-9.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2014		-9.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2014		-9.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2014		-9.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2014		-9.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2014		-9.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2014		-9.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2014		-9.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2014		-9.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2014		-9.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2014		-9.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2014		-9.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2014		-9.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2014		-9.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2014		-9.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2014		-9.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2014		-9.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2014		-9.39	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2014		-9.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2014		-9.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/12/2014		-9.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2014		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2014		-8.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2014		-9.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2014		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2014		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2014		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2014		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2014		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2014		-9.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2014		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2014		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2014		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2014		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2014		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2014		-9.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2014		-9.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2015		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/01/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/01/2015		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2015		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2015		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/03/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2015		-9.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2015		-9.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2015		-9.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2015		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/04/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2015		-9.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2015		-9.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2015		-9.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2015		-9.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2015		-9.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2015		-9.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2015		-8.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2015		-8.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2015		-8.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2015		-8.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2015		-8.98	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2015		-9.02	R	Reference Point	B	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	02/06/2015		-9.03	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2015		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2015		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/06/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2015		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2015		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2015		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2015		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2015		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2015		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2015		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2015		-9.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2015		-9.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2015		-9.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2015		-9.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2015		-9.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/10/2015		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2015		-9.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2015		-9.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2015		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2015		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2015		-9.20	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	16/10/2015		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2015		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2015		-9.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2015		-9.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2015		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2015		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2015		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2015		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2015		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2015		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2015		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2015		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2015		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2015		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2015		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2015		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2015		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/11/2015		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2015		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2015		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2015		-9.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2015		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2015		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/11/2015		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2015		-9.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2015		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2015		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2015		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2015		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2015		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2015		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2015		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2015		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2015		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2015		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2015		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2015		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2015		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2015		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2015		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2015		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2015		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2015		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2015		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2015		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2015		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2015		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2015		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/01/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2016		-9.07	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/02/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/03/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2016		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2016		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2016		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2016		-9.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2016		-9.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/03/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2016		-9.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-9.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2016		-9.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2016		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2016		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/05/2016		-9.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2016		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2016		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/05/2016		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2016		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/06/2016		-9.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2016		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2016		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2016		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2016		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2016		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2016		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2016		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/06/2016		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2016		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2016		-9.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2016		-9.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2016		-9.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2016		-9.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2016		-9.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2016		-9.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2016		-9.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2016		-9.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2016		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2016		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/07/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2016		-9.13	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/07/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/07/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/08/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2016		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2016		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2016		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2016		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/09/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2016		-8.87	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2016		-8.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2016		-8.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2016		-8.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2016		-8.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2016		-8.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2016		-8.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2016		-8.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/10/2016		-8.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2016		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2016		-8.99	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2016		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2016		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2016		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/11/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2016		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/11/2016		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/11/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2016		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2016		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2016		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2016		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2016		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2016		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/11/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2016		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2016		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2016		-9.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2016		-9.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2016		-9.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2016		-9.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2016		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2016		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2016		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2016		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2017		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2017		-9.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2017		-9.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2017		-9.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2017		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2017		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2017		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2017		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2017		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2017		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2017		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2017		-9.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2017		-9.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2017		-9.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2017		-8.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2017		-8.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2017		-8.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2017		-8.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/01/2017		-8.84	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2017		-8.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2017		-8.86	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2017		-8.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2017		-8.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2017		-8.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2017		-8.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2017		-8.91	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2017		-8.95	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-8.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2017		-8.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2017		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2017		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/02/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2017		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2017		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2017		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2017		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2017		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2017		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2017		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2017		-9.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2017		-9.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2017		-9.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2017		-9.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2017		-9.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2017		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2017		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2017		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2017		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2017		-9.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2017		-8.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2017		-8.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2017		-8.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2017		-8.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2017	1450	-8.98	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	29/03/2017		-8.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2017		-8.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2017		-8.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2017		-8.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/04/2017		-8.41	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2017		-8.47	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2017		-8.50	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2017		-8.52	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2017		-8.54	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2017		-8.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2017		-8.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2017		-8.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2017		-8.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2017		-8.58	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2017		-8.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2017		-8.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/04/2017		-8.61	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2017		-8.61	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2017		-8.61	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2017		-8.62	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2017		-8.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2017		-8.64	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2017		-8.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/04/2017		-8.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2017		-8.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2017		-8.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2017		-8.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2017		-8.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2017		-8.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2017		-8.68	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/05/2017		-8.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2017		-8.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2017		-8.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2017		-8.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2017		-8.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2017		-8.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/05/2017		-8.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2017		-8.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2017		-8.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2017		-8.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/05/2017		-8.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2017		-8.71	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2017		-8.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/05/2017		-8.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2017		-8.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/05/2017		-8.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2017	1645	-8.80	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-8.93	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-9.03	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/04/2018		-8.97	R	Reference Point	P	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/07/2018		-9.00	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/09/2018		-9.48	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-9.54	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/02/2019	1500	-8.96	R	Reference Point	P	ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	07/01/1992		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Wire Line Logs

0 ***records for RN*** **42231330**

Field Measurements

10 ***records for RN*** **42231330**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	21/08/2002	-15.00	1286	6.8	17.3		6.20			PF	Pump - Air Forced	GB	Groundwater - from Bore
A	05/11/2003	-15.00	1294	7.1	21.0					PF	Pump - Air Forced	GB	Groundwater - from Bore
A	17/11/2004		1304	7.3	20.7								
A	17/11/2005		1310	7.2	19.9					AI	Air Lifting	GB	Groundwater - from Bore
A	22/09/2006	-18.00	1294	7.2	21.5					AI	Air Lifting	GB	Groundwater - from Bore
A	20/11/2007	-17.00	1382	7.3	20.6					PF	Pump - Air Forced	GB	Groundwater - from Bore

Bore Report

From Year:

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	15/12/2011	12.00	1229	7.2	20.5					PF	Pump - Air Forced	GB	Groundwater - from Bore
A	08/11/2013	12.00	1509	7.2	21.0		0.80			PW	Pump - WaTerra	GB	Groundwater - from Bore
A	14/05/2014	16.00	1397	7.1	19.8		0.20			PB	Pump - Bladder	GB	Groundwater - from Bore
A	19/05/2015	20.63	321	7.0	19.9		0.23			PF	Pump - Air Forced	GB	Groundwater - from Bore

Special Water Analysis

8 *records for RN* **42231330**

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	17/11/2004	208841		D	DH	PF	Pump - Air Forced	GB	FR	23/11/2004	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.12000	Milligrams/Litre	
2363	Total Phosphorus as P		0.26000	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	21/08/2002	213953	15.00	D	DG	PU	Pump - Other or Flowing Bore	GB	FR	27/08/2002	GWAN

Comments

Bore Report

From Year:

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.09800	Milligrams/Litre	
2363	Total Phosphorus as P		0.11550	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	05/11/2003	213978	15.00	D	DG	PA	Pump Amazon	GB	FR	12/11/2003	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.22380	Milligrams/Litre	
2363	Total Phosphorus as P		0.46610	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	16/11/2005	214972	13.00	D	DH	PF	Pump - Air Forced	GB	NL	18/11/2005	GWAN

Comments

Bore Report

From Year:

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.23200	Milligrams/Litre	
2363	Total Phosphorus as P		0.25000	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	22/09/2006	219775	18.00	D	DH	PF	Pump - Air Forced	GB	FR	26/09/2006	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.14870	Milligrams/Litre	
2363	Total Phosphorus as P		0.18150	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	20/11/2007	224846	17.00	D	DH	PF	Pump - Air Forced	GB	FR	29/11/2007	GWAN

Comments

Bore Report

From Year:

Results

Variable	Name	Flag	Value	Units	Quality
2337	Total Nitrogen		0.12470	Milligrams/Litre	
2363	Total Phosphorus as P		0.12320	Milligrams/Litre	

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	19/05/2015	324904	12.00	D	DH	PF	Pump - Air Forced	GB	FR	19/05/2015	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		0.40000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.13000	Milligrams/Litre	10	Good - Time Series Data

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	30/05/2018	330837		D	DH	PA	Pump Amazon	GB	CH	30/05/2018	GWAN

Comments

Bore Report

From Year:

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		0.80000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.10000	Milligrams/Litre	10	Good - Time Series Data

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42231331	Sub-Artesian Facility	Existing	20/03/1986	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	ROAD RSV SEPARATING P21 & P22		
Parish	2834 - LESLIE		
Original Name			
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-02-44	**Basin**	4223
Longitude	151-59-14	**Sub-area**	220
GIS Latitude	-28.04544313	**Lot**	
GIS Longitude	151.9872423	**Plan**	
Easting	400462		
Northing	6897350	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy	GPS	**Map No**	5954
GPS Accuracy	5	**Map Name**	
Checked	Yes	**Prog Section**	

Casing

6 ***records for RN*** **42231331**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	20/03/1986	1	0.00	18.80	Plastic Casing	3.350	WT - Wall Thickness	50
A	20/03/1986	2	16.80	18.80	Perforated or Slotted Casing	2.000	AP - Aperture Size	50
B	20/03/1986	3	0.00	16.30	Plastic Casing	3.350	WT - Wall Thickness	50
B	20/03/1986	4	12.30	16.30	Perforated or Slotted Casing	2.000	AP - Aperture Size	50
X	20/03/1986	1	16.50	16.80	Grout			203

Bore Report

From Year:

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
X	20/03/1986	2	0.00	18.80	Gravel Pack	9.500	GR - Gravel Size	203

Strata Logs

7 ***records for RN*** **42231331**

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	2.20	BLACK SOIL DRILLER C MALONE 1986
2	2.20	5.00	BROWN LOAM
3	5.00	13.50	BROWN SILTY CLAY
4	13.50	16.20	HARD BROWN CLAY
5	16.20	17.30	CLAYBOUND STONES
6	17.30	18.50	COARSE GRAVEL
7	18.50	19.00	DECOMPOSED SANDSTONE

Stratigraphies

2 ***records for RN*** **42231331**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1	0.00	18.50	DALRYMPLE CREEK ALLUVIUM
DNR	2	0.00	18.50	DALRYMPLE CREEK ALLUVIUM

Aquifers

2 ***records for RN*** **42231331**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	7.00	13.50	CLAY - Clay SILT - Silt, Silty			N			Y	UC	DALRYMPLE CREEK ALLUVIUM
2	16.20	18.50	CLAY - Clay GRAV - Gravel			N			Y	UC	DALRYMPLE CREEK ALLUVIUM

Bore Report

From Year:

Pump Tests Part 1

0 *records for RN* **42231331**

Pump Tests Part 2

0 *records for RN* **42231331**

Bore Conditions

0 *records for RN* **42231331**

Elevations

3 *records for RN* **42231331**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	20/03/1986	474.19	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	11661
B	20/03/1986	474.19	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	11661
X	20/03/1986	473.80	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	11661

Water Analysis Part 1

5 *records for RN* **42231331**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	07/04/1986	1	GCL	115172	19.00		GB	3900	12.0	2	1540.00	1720.00	265	870	0.3	12.1	0.00
A	20/06/1989	1	GCL	129890		AI	GB	580	8.3		410.00	340.00	33	125	0.1	8.7	1.80
B	07/04/1986	1	GCL	115153	13.00		GB	1150	8.4	34	920.00	650.00	375	500	1.6	2.5	2.50
B	20/06/1989	1	GCL	130382		AI	GB	1100	8.3	25	1010.00	700.00	445	550	1.8	2.4	2.10
B	04/03/2016	1	GCL	326432	15.00	PB	GB	1190	8.1	40	978.00	680.00	408	556	1.6	2.5	3.00

Water Analysis Part 2

5 *records for RN* **42231331**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	07/04/1986	1	455.0	4.0	105.0	1.3	0.00	1.2	0.09	105.0	620.0	0.30	0.0	10.5				
A	20/06/1989	1	115.0	2.8	12.0	0.8	0.01	150.0	0.05	1.8	97.0	0.50	0.5	32.0				
B	07/04/1986	1	110.0	0.5	39.0	67.0	0.00	590.0	0.00	11.0	95.0	0.20	0.0	8.4				
B	20/06/1989	1	115.0	0.9	48.0	79.0	0.01	650.0	0.01	9.7	94.0	0.20	7.6	2.1				

Bore Report

From Year:

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
B	04/03/2016	1	114.0	0.3	44.0	73.0	<0.01	663.0	<0.01	7.6	72.0	0.10	1.5	2.9	0.04	<0.05	0.06	<0.03

Water Levels

1957 ***records for RN*** **42231331**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	03/04/1986		-6.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	16/05/1986		-6.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/09/1986		-6.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/11/1986		-6.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/01/1987		-6.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	31/03/1987		-6.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1987		-6.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/08/1987		-6.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/11/1987		-6.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/01/1988		-6.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1988		-6.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/05/1988		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/05/1988		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/07/1988		-5.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1988		-5.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/10/1988		-6.02	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/01/1989		-6.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1989		-6.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/05/1989		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/06/1989		-6.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1989		-6.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/09/1989		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/11/1989		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/02/1990		-6.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/05/1990		-6.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/08/1990		-6.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1990		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/1991		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/05/1991		-6.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/09/1991		-6.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/10/1991		-6.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/11/1991		-7.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/11/1991		-7.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/1992		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/01/1992		-7.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-7.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-7.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-7.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/1993		-7.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-7.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/03/1993		-7.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-7.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1993		-7.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-7.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/1993		-7.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	11/11/1993		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/12/1993		-7.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/01/1994		-7.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/03/1994		-7.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/1994		-8.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1994		-8.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/08/1994		-8.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/10/1994		-8.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/1994		-8.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/1995		-8.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/01/1995		-8.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/03/1995		-8.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/1995		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/09/1995		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/11/1995		-8.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/12/1995		-8.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/02/1996		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/06/1996		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/1996		-7.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1996		-8.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/03/1997		-7.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/04/1997		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/07/1997		-8.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/12/1997		-8.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/02/1998		-8.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/07/1998		-8.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1998		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-8.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/05/1999		-8.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-8.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-8.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/2000		-7.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/06/2000		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-8.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/2001		-8.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-8.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-8.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/10/2001		-8.79	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-8.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/05/2002		-8.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/08/2002		-8.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2002		-9.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-9.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002		-9.26	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002		-9.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-9.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-8.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003		-9.37	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2003		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/04/2003		-9.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/05/2003		-9.30	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	05/08/2003		-9.38	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/09/2003		-9.51	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003		-9.76	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-9.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/03/2004		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	18/05/2004		-9.13	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-9.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/10/2004		-9.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/11/2004		-9.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-9.82	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-10.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-10.29	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-10.27	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/08/2005		-10.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2005		-10.39	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/11/2005		-10.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-10.09	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-10.57	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-10.52	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-10.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-10.81	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/09/2006		-10.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2006		-11.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/01/2007		-10.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/03/2007		-11.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-11.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-11.37	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-11.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007		-11.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007		-11.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/01/2008		-10.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008		-10.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-10.85	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/07/2008		-10.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/2008		-10.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-10.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2009		-10.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-10.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2009		-10.76	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/2010		-10.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/02/2010		-11.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/04/2010		-10.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/05/2010		-10.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-10.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-10.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-10.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011		-4.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/06/2011		-4.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/09/2011		-5.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/09/2011		-5.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011		-5.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/12/2011		-4.76	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/01/2012		-6.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/02/2012		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/05/2012		-6.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/10/2012		-6.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/04/2013		-5.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/05/2013		-5.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/05/2013		-5.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/05/2013		-5.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/05/2013		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/05/2013		-5.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/05/2013		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/05/2013		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/05/2013		-6.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/05/2013		-6.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/05/2013		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/05/2013		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/05/2013		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/05/2013		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/05/2013		-6.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/05/2013		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/05/2013		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/05/2013		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/05/2013		-6.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/05/2013		-6.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/05/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/05/2013		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/05/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/05/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/06/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/06/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/06/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/06/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/06/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/06/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/06/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/06/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/06/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/06/2013		-6.43	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/06/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/06/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/06/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/07/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/07/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/07/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/07/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/07/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/07/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/07/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/07/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/07/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/07/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/07/2013		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/08/2013		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/08/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/08/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/08/2013		-6.46	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/08/2013		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/08/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/08/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/08/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/08/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/08/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/08/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/08/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/08/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	31/08/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/09/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/09/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/09/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/09/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/09/2013		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/09/2013		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/09/2013		-6.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/09/2013		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/09/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/09/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/09/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/09/2013		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	25/09/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/09/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/09/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/09/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/09/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/09/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/10/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/10/2013		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/10/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/10/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/10/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/10/2013		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/10/2013		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/10/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/10/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/10/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/10/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/10/2013		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/10/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/10/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/10/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/10/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/10/2013		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/10/2013		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/10/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/11/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/11/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/11/2013		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/11/2013		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/11/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/11/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/11/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/11/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/11/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/11/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/11/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/11/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/11/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/11/2013		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/11/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/12/2013		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/12/2013		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/12/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/12/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/12/2013		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/12/2013		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/12/2013		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/12/2013		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/12/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/12/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/12/2013		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/12/2013		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/12/2013		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/12/2013		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/12/2013		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/12/2013		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/12/2013		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/12/2013		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/12/2013		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/12/2013		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/12/2013		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/12/2013		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/12/2013		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/12/2013		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/12/2013		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/12/2013		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/01/2014		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/01/2014		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	03/01/2014		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/01/2014		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/01/2014		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/01/2014		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/01/2014		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/01/2014		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/01/2014		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/01/2014		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/01/2014		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/01/2014		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/01/2014		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/01/2014		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/01/2014		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/01/2014		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/01/2014		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/01/2014		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/01/2014		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/01/2014		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/01/2014		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/01/2014		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/01/2014		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/01/2014		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/01/2014		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/01/2014		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/01/2014		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/01/2014		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/01/2014		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/01/2014		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/01/2014		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/02/2014		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/02/2014		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/02/2014		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/02/2014		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/02/2014		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/02/2014		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/02/2014		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/02/2014		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/02/2014		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/02/2014		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/02/2014		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/02/2014		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/02/2014		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/02/2014		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/02/2014		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/02/2014		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/02/2014		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/02/2014		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	19/02/2014		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/02/2014		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/02/2014		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/02/2014		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/02/2014		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/02/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/02/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/02/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/02/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/02/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/03/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/03/2014		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/03/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/03/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/03/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/03/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/03/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/03/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/03/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/03/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/03/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/03/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	13/03/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/03/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/03/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	16/03/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	17/03/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	18/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	20/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	21/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	22/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	23/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	24/03/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	25/03/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	26/03/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	27/03/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	28/03/2014		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	29/03/2014		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	30/03/2014		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	31/03/2014		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	01/04/2014		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	02/04/2014		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	03/04/2014		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	04/04/2014		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	05/04/2014		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	06/04/2014		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	07/04/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	08/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	09/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	10/04/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	11/04/2014		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	12/04/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	14/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
A	15/04/2014		-6.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/04/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2014		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2014		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2014		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2014		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2014		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2014		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	08/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/05/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/05/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/05/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	02/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2014		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2014		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/07/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2014		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/07/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/08/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/09/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	05/10/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2014		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2014		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/10/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2014		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/11/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2014		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2014		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2014		-7.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/11/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2014		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2014		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/11/2014		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2014		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2014		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2014		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2014		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2014		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2014		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2014		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/12/2014		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2014		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2014		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2014		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2014		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2014		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2014		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	19/12/2014		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2014		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2014		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2014		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2014		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2014		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2014		-6.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2014		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2014		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2015		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2015		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2015		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2015		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2015		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/01/2015		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2015		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2015		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2015		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2015		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2015		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2015		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	13/01/2015		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2015		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2015		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2015		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2015		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2015		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2015		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/01/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2015		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2015		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2015		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2015		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2015		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2015		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2015		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2015		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2015		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2015		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2015		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2015		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2015		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2015		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2015		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2015		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2015		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2015		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2015		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2015		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2015		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2015		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2015		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2015		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2015		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2015		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2015		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2015		-6.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/06/2015		-6.93	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/10/2015		-7.03	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-7.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	01/03/2016		-7.20	R	Reference Point	B	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/03/2016		-7.25	R	Reference Point	B	ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	06/04/2016		-7.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-7.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/05/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/05/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/05/2016		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/05/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	28/05/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/05/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/05/2016		-7.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/05/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/06/2016		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/06/2016		-7.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/06/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/06/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/06/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/06/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/06/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/06/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/06/2016		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/06/2016		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/06/2016		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/06/2016		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/06/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/06/2016		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/06/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/06/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	22/06/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/06/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/06/2016		-7.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/06/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/06/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/06/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/06/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/06/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/06/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/07/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/07/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/07/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/07/2016		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/07/2016		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/07/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/07/2016		-7.26	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/07/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/07/2016		-7.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/07/2016		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/07/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/07/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/07/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/07/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/07/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/07/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/07/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/07/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/07/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/07/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/08/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/08/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/08/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/08/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/08/2016		-7.22	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/08/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/08/2016		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/08/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/08/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/08/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/08/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/08/2016		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/08/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/08/2016		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/08/2016		-6.62	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/08/2016		-6.54	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/08/2016		-6.57	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/08/2016		-6.62	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/08/2016		-6.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/08/2016		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/08/2016		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/09/2016		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/09/2016		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/09/2016		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	04/09/2016		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/09/2016		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/09/2016		-6.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/09/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/09/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/09/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/09/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/09/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/09/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/09/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/09/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/09/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/09/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/09/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/09/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/09/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/09/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/09/2016		-6.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/09/2016		-6.99	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/09/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/10/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/10/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/10/2016		-7.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/10/2016		-6.92	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/10/2016		-6.89	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/10/2016		-6.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/10/2016		-6.93	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/10/2016		-6.94	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/10/2016		-6.95	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/10/2016		-6.96	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/10/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/10/2016		-7.01	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/10/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/10/2016		-6.98	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/10/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/10/2016		-7.00	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/10/2016		-7.04	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/10/2016		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	23/10/2016		-7.03	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/10/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/10/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/10/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/10/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/10/2016		-7.05	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/10/2016		-7.04	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/10/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/10/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/11/2016		-7.08	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/11/2016		-7.06	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/11/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/11/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/11/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/11/2016		-7.10	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/11/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/11/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/11/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/11/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/11/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/11/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/11/2016		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/11/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/11/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/11/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	17/11/2016		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/11/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/11/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/11/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/11/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/11/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/11/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/11/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/11/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/11/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/11/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/11/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/11/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/11/2016		-7.07	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/12/2016		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/12/2016		-7.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/12/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/12/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/12/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/12/2016		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/12/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/12/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/12/2016		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/12/2016		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	12/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/12/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/12/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/12/2016		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/12/2016		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/12/2016		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/12/2016		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/12/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/12/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/12/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/12/2016		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/12/2016		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/12/2016		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/01/2017		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/01/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/01/2017		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	06/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/01/2017		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/01/2017		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/01/2017		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/01/2017		-7.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/01/2017		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/01/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/01/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/01/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/01/2017		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/01/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/01/2017		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/01/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/01/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/01/2017		-7.17	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/01/2017		-7.16	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/01/2017		-7.15	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-7.11	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/01/2017		-7.12	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/01/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/01/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/01/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/02/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/02/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/02/2017		-7.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/02/2017		-7.14	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/02/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/02/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/02/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/02/2017		-7.15	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/02/2017		-7.19	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/02/2017		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/02/2017		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/02/2017		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/02/2017		-7.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/02/2017		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/02/2017		-7.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/02/2017		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/02/2017		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/02/2017		-7.24	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/02/2017		-7.20	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/02/2017		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/02/2017		-7.25	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/02/2017		-7.27	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/02/2017		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	24/02/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/02/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/02/2017		-7.28	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/02/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/02/2017		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/03/2017		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/03/2017		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/03/2017		-7.34	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/03/2017		-7.31	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/03/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	21/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/03/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/03/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/03/2017		-7.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/03/2017	1502	-7.34	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	29/03/2017		-7.29	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/03/2017		-7.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	31/03/2017		-6.21	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/04/2017		-5.88	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/04/2017		-5.90	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/04/2017		-5.97	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/04/2017		-6.02	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/04/2017		-6.09	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/04/2017		-6.13	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/04/2017		-6.18	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/04/2017		-6.23	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	09/04/2017		-6.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/04/2017		-6.30	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/04/2017		-6.32	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/04/2017		-6.35	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/04/2017		-6.39	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	14/04/2017		-6.43	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/04/2017		-6.45	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/04/2017		-6.47	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/04/2017		-6.49	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/04/2017		-6.51	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/04/2017		-6.53	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/04/2017		-6.56	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/04/2017		-6.58	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/04/2017		-6.60	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/04/2017		-6.62	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	24/04/2017		-6.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	25/04/2017		-6.65	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	26/04/2017		-6.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	27/04/2017		-6.63	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	28/04/2017		-6.66	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	29/04/2017		-6.67	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	30/04/2017		-6.69	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	01/05/2017		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	02/05/2017		-6.72	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	03/05/2017		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	04/05/2017		-6.70	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	05/05/2017		-6.73	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	06/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	07/05/2017		-6.76	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	08/05/2017		-6.75	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	09/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	10/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	11/05/2017		-6.77	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	12/05/2017		-6.78	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/05/2017		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	14/05/2017		-6.82	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	15/05/2017		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	16/05/2017		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	17/05/2017		-6.79	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	18/05/2017		-6.80	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	19/05/2017		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	20/05/2017		-6.85	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	21/05/2017		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	22/05/2017		-6.83	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	23/05/2017		-6.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/05/2017		-6.81	R	Reference Point		DM	Daily Mean	DG	DL	Data Logger	GWAN	130	Data is of unknown quality
A	13/07/2017	1638	-6.91	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-7.10	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-7.12	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/04/2018		-7.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/07/2018		-7.26	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/09/2018		-7.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-7.50	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/02/2019	1504	-7.53	R	Reference Point	P	ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	03/04/1986		-6.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
B	16/05/1986		-6.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	02/09/1986		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	04/11/1986		-6.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	13/01/1987		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	31/03/1987		-6.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/06/1987		-6.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	13/08/1987		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/11/1987		-6.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	15/01/1988		-6.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	14/03/1988		-6.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	05/05/1988		-6.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/05/1988		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	08/07/1988		-5.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/07/1988		-5.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	21/10/1988		-6.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	03/01/1989		-6.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	14/03/1989		-6.27	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/05/1989		-6.31	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/06/1989		-6.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/07/1989		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	19/09/1989		-6.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	27/11/1989		-6.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	06/02/1990		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	21/05/1990		-6.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	01/08/1990		-6.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	06/11/1990		-6.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/01/1991		-6.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/05/1991		-6.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	04/09/1991		-6.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	10/10/1991		-6.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/11/1991		-7.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	20/11/1991		-7.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/01/1992		-7.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	29/01/1992		-7.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/02/1992		-7.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/05/1992		-7.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/08/1992		-7.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/12/1992		-7.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/02/1993		-7.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/04/1993		-7.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/05/1993		-7.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/07/1993		-7.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/09/1993		-7.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/11/1993		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	16/12/1993		-7.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/01/1994		-7.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/03/1994		-7.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	25/05/1994		-8.17	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	06/07/1994		-8.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	17/08/1994		-8.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
B	04/10/1994		-8.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	08/11/1994		-8.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	11/01/1995		-8.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	31/01/1995		-8.65	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	02/03/1995		-8.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	24/05/1995		-8.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/09/1995		-8.66	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	06/11/1995		-8.70	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	06/12/1995		-8.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	07/02/1996		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	20/06/1996		-7.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	14/08/1996		-7.96	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	11/11/1996		-8.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	12/03/1997		-7.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	30/04/1997		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	30/07/1997		-8.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	11/12/1997		-8.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	25/02/1998		-8.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	09/07/1998		-8.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	08/10/1998		-8.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	28/01/1999		-8.53	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	17/05/1999		-8.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	26/08/1999		-8.16	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	28/10/1999		-8.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
B	23/02/2000		-7.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	23/06/2000		-8.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/09/2000		-8.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	03/01/2001		-8.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/03/2001		-8.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	17/07/2001		-8.68	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	24/10/2001		-8.80	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	17/01/2002		-8.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	13/05/2002		-8.44	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/08/2002		-8.93	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	11/10/2002		-9.11	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/10/2002		-9.27	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	27/11/2002		-9.28	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	17/12/2002		-9.20	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	31/01/2003		-9.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	06/02/2003		-8.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/03/2003		-9.43	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	23/03/2003		-8.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	15/04/2003		-9.20	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	29/05/2003		-9.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	05/08/2003		-9.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	10/09/2003		-9.52	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	25/11/2003		-9.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	30/01/2004		-9.30	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	23/03/2004		-8.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/05/2004		-9.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	19/07/2004		-9.54	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	11/10/2004		-9.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/11/2004		-9.90	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	13/01/2005		-9.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/03/2005		-10.25	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	19/05/2005		-10.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	26/07/2005		-10.28	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	03/08/2005		-10.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/09/2005		-10.41	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	21/11/2005		-10.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/01/2006		-10.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	28/03/2006		-10.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	17/05/2006		-10.53	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/07/2006		-10.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	31/08/2006		-10.80	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	04/09/2006		-10.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/12/2006		-11.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	19/01/2007		-10.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	07/03/2007		-11.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	03/05/2007		-11.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/07/2007		-11.37	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/09/2007		-11.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/11/2007		-11.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	28/11/2007		-11.26	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/01/2008		-10.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	25/03/2008		-10.58	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/06/2008		-10.84	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	24/07/2008		-10.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	19/09/2008		-10.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	30/01/2009		-10.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	12/06/2009		-10.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/08/2009		-10.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	22/09/2009		-10.77	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/01/2010		-10.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	11/02/2010		-11.01	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	09/04/2010		-10.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	21/07/2010		-10.64	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	29/03/2011		-6.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	13/04/2011		-6.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	14/04/2011		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/04/2011		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/04/2011		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/04/2011		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/04/2011		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/04/2011		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/04/2011		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/04/2011		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/04/2011		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/04/2011		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/04/2011		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	25/04/2011		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/04/2011		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/04/2011		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/04/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/04/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/04/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/05/2011		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/05/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/05/2011		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/05/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/05/2011		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/05/2011		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/05/2011		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/05/2011		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/05/2011		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/05/2011		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/05/2011		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/05/2011		-7.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	13/05/2011		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/05/2011		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/05/2011		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/05/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/05/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/05/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/05/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	20/05/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/05/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/05/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/05/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/05/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/05/2011		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/05/2011		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/05/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/05/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/05/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/05/2011		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/05/2011		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/06/2011		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/06/2011		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/06/2011		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/06/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/06/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/06/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/06/2011		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/06/2011		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/06/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/06/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/06/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/06/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/06/2011		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	14/06/2011		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/06/2011		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/06/2011		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/06/2011		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/06/2011		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/06/2011		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/06/2011		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/06/2011		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/06/2011		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/06/2011		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/06/2011		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/06/2011		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/06/2011		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/06/2011		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/06/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/06/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/07/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/07/2011		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/07/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/07/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/07/2011		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/07/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/07/2011		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/07/2011		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/07/2011		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	10/07/2011		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/07/2011		-7.00	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/07/2011		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/07/2011		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/07/2011		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/07/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/07/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/07/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/07/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/07/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/07/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/07/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/07/2011		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/07/2011		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/07/2011		-7.09	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/07/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/07/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/07/2011		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/07/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/07/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/07/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/07/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/08/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/08/2011		-7.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/08/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	04/08/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/08/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/08/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/08/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/08/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/08/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/08/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/08/2011		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/08/2011		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/08/2011		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/08/2011		-7.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/08/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/08/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/08/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/08/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/08/2011		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/08/2011		-7.23	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/08/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/08/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/08/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/08/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/08/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/08/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/08/2011		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/08/2011		-7.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	29/08/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/08/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/08/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/09/2011		-7.01	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/09/2011		-7.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/09/2011		-7.03	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/09/2011		-7.04	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/09/2011		-7.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/09/2011		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	08/09/2011		-7.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/09/2011		-7.06	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/09/2011		-7.08	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/09/2011		-7.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/09/2011		-7.11	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/09/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/09/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/09/2011		-7.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/09/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/09/2011		-7.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/09/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/09/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/09/2011		-7.14	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/09/2011		-7.16	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/09/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/09/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	24/09/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/09/2011		-7.17	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/09/2011		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/09/2011		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/09/2011		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/09/2011		-7.19	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/09/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/10/2011		-7.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/10/2011		-7.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/10/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/10/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/10/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/10/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/10/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/10/2011		-7.24	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/10/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/10/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/10/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/10/2011		-7.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/10/2011		-7.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/10/2011		-7.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/10/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/10/2011		-6.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/10/2011		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/10/2011		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	19/10/2011		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/10/2011		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/10/2011		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/10/2011		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/10/2011		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/10/2011		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/10/2011		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/10/2011		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/10/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/10/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/10/2011		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/10/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/10/2011		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/11/2011		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/11/2011		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/11/2011		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/11/2011		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/11/2011		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/11/2011		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/11/2011		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/11/2011		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/11/2011		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/11/2011		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/11/2011		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/11/2011		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	13/11/2011		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/11/2011		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/11/2011		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/11/2011		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/11/2011		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/11/2011		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/11/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/11/2011		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/11/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/11/2011		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/11/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/11/2011		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/11/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/11/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/11/2011		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/11/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/11/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/12/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/12/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/12/2011		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	09/12/2011		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/12/2011		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/12/2011		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/12/2011		-5.13	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/12/2011		-5.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/12/2011		-5.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/12/2011		-5.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/12/2011		-5.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/12/2011		-5.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/12/2011		-5.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/12/2011		-5.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/12/2011		-5.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/12/2011		-6.02	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/12/2011		-6.05	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/12/2011		-6.07	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/12/2011		-6.10	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/12/2011		-6.12	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/12/2011		-6.15	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/12/2011		-6.18	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/12/2011		-6.21	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/12/2011		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/12/2011		-6.20	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/01/2012		-6.22	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/01/2012		-6.25	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/01/2012		-6.26	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	04/01/2012		-6.27	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/01/2012		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/01/2012		-6.29	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/01/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/01/2012		-6.32	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/01/2012		-6.33	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/01/2012		-6.36	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/01/2012		-6.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	12/01/2012		-6.40	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/01/2012		-6.41	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/01/2012		-6.42	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/01/2012		-6.43	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/01/2012		-6.44	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/01/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/01/2012		-6.45	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/01/2012		-6.47	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/01/2012		-6.48	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/01/2012		-6.49	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/01/2012		-6.50	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/01/2012		-6.51	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/01/2012		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/01/2012		-6.52	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/01/2012		-6.53	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/01/2012		-6.54	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/01/2012		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	29/01/2012		-6.55	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/01/2012		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/01/2012		-6.56	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/02/2012		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/02/2012		-6.57	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/02/2012		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/02/2012		-6.58	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/02/2012		-6.59	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/02/2012		-6.60	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/02/2012		-6.61	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/02/2012		-6.62	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/02/2012		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/02/2012		-6.63	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/02/2012		-6.64	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/02/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/02/2012		-6.65	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/02/2012		-6.67	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/02/2012		-6.66	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/02/2012		-6.68	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	24/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/02/2012		-6.69	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/02/2012		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/03/2012		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/03/2012		-6.70	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/03/2012		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/03/2012		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/03/2012		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/03/2012		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/03/2012		-6.71	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/03/2012		-6.72	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/03/2012		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/03/2012		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/03/2012		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/03/2012		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/03/2012		-6.73	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/03/2012		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/03/2012		-6.76	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	20/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/03/2012		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/03/2012		-6.74	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/03/2012		-6.75	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/03/2012		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/03/2012		-6.77	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/03/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/04/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/04/2012		-6.78	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/04/2012		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/04/2012		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/04/2012		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/04/2012		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/04/2012		-6.79	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/04/2012		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/04/2012		-6.80	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/04/2012		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/04/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	14/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/04/2012		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/04/2012		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/04/2012		-6.81	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/04/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/04/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/04/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/04/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/04/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/05/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/05/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/05/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/05/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/05/2012		-6.82	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/05/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/05/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/05/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/05/2012		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	10/05/2012		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/05/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/05/2012		-6.83	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/05/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/05/2012		-6.85	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/05/2012		-6.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/05/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/05/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/05/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/05/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/05/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/05/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/05/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/05/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/05/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/06/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/06/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/06/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	04/06/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/06/2012		-6.84	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/06/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/06/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/06/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/06/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/06/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/06/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/06/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/06/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/06/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/06/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/06/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/06/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/06/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/06/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/06/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/06/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	29/06/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/06/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/07/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/07/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/07/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/07/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
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B	11/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
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B	20/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
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B	22/07/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	25/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/07/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/07/2012		-6.86	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/07/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/07/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
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B	02/08/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/08/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/08/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/08/2012		-6.87	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/08/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	13/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/08/2012		-6.89	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/08/2012		-6.88	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	19/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/08/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/08/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/08/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/08/2012		-6.90	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	31/08/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/09/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	05/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	06/09/2012		-6.91	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	07/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	08/09/2012		-6.93	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	09/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	10/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	11/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	12/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	13/09/2012		-6.92	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	14/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	15/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	16/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	17/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	18/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	19/09/2012		-6.94	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	20/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	21/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	22/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	23/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	24/09/2012		-6.95	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	25/09/2012		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	26/09/2012		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	27/09/2012		-6.97	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	28/09/2012		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	29/09/2012		-6.96	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	30/09/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	01/10/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	02/10/2012		-6.99	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	03/10/2012		-6.98	R	Reference Point		DM	Daily Mean	NR	DL	Data Logger		130	Data is of unknown quality
B	04/10/2012		-6.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	05/04/2013		-6.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	27/05/2013		-6.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
B	18/06/2013		-6.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
B	02/06/2015		-6.92	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	15/10/2015		-7.03	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	20/01/2016		-7.11	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	01/03/2016		-7.18	R	Reference Point	B	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	04/03/2016		-7.21	R	Reference Point	B	ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	14/07/2016		-7.24	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	27/01/2017		-7.14	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	29/03/2017		-7.30	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	23/05/2017		-6.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
B	04/07/2018		-7.26	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
B	04/02/2019		-7.53	R	Reference Point	P	ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **42231331**

Field Measurements

3 ***records for RN*** **42231331**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	01/03/2016	16.23								AI	Air Lifting	GB	Groundwater - from Bore
B	01/03/2016	16.26								AI	Air Lifting	GB	Groundwater - from Bore
B	04/03/2016	16.30	1177	7.8	25.3		3.84			PB	Pump - Bladder	GB	Groundwater - from Bore

Special Water Analysis

1 ***records for RN*** **42231331**

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects

Bore Report

From Year:

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
B	04/03/2016	326432	15.00	D	DG	PB	Pump - Bladder	GB	FR	04/03/2016	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		0.48000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.57000	Milligrams/Litre	10	Good - Time Series Data

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42231336	Sub-Artesian Facility	Existing	13/08/1986	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	ROAD RSV BISECTING P109		
Parish	1988 - GILBERT		
Original Name			
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-04-09	**Basin**	4223
Longitude	152-13-52	**Sub-area**	140
GIS Latitude	-28.06931119	**Lot**	10
GIS Longitude	152.231131233	**Plan**	M58421
Easting	424450		
Northing	6894881	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy	SKET	**Map No**	5955
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

3 ***records for RN*** **42231336**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	13/08/1986	1	0.00	11.50	Plastic Casing	3.350	WT - Wall Thickness	50
A	13/08/1986	2	6.00	11.50	Perforated or Slotted Casing	2.000	AP - Aperture Size	50
X	13/08/1986	2	0.00	11.50	Gravel Pack	9.500	GR - Gravel Size	200

Strata Logs

5 ***records for RN*** **42231336**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.40	BROWN LOAM DRILLER C MALONE
2	1.40	6.80	BROWN SILTY LOAM & LIMESTONE
3	6.80	9.00	BROWN CLAY
4	9.00	11.00	CLAY BOUND BOULDERS & GRAVEL
5	11.00	11.50	SHATTERED BASALT

Stratigraphies

1 *records for RN* **42231336**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			MILLARVALE CREEK ALLUVIUM

Aquifers

1 *records for RN* **42231336**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	9.00	11.00	CLAY - Clay GRAV - Gravel						Y	UC	MILLARVALE CREEK ALLUVIUM

Pump Tests Part 1

0 *records for RN* **42231336**

Pump Tests Part 2

0 *records for RN* **42231336**

Bore Conditions

0 *records for RN* **42231336**

Elevations

2 *records for RN* **42231336**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	13/08/1986	502.11	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	11661
X	13/08/1986	501.85	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	11661

Bore Report

From Year:

Water Analysis Part 1

0 *records for RN* **42231336**

Water Analysis Part 2

0 *records for RN* **42231336**

Water Levels

204 *records for RN* **42231336**

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	27/08/1986		-8.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/10/1986		-8.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/10/1986		-8.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/12/1986		-8.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/01/1987		-8.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/02/1987		-8.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/04/1987		-8.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/06/1987		-8.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/08/1987		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/11/1987		-8.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/01/1988		-8.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1988		-8.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/04/1988		-7.86	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/05/1988		-6.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/05/1988		-6.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/07/1988		-6.35	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/07/1988		-6.34	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/10/1988		-6.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/01/1989		-7.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/03/1989		-7.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/04/1989		-7.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	23/05/1989		-7.39	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1989		-7.55	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/09/1989		-7.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/11/1989		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/02/1990		-7.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/05/1990		-7.54	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1990		-7.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	01/08/1990		-7.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1990		-7.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/01/1991		-8.25	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/01/1991		-8.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/05/1991		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/08/1991		-7.97	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/08/1991		-8.06	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/09/1991		-8.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/09/1991		-8.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/10/1991		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/10/1991		-8.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/11/1991		-8.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/11/1991		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/12/1991		-8.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/12/1991		-8.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/12/1991		-8.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/12/1991		-8.36	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/01/1992		-8.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	29/01/1992		-8.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/02/1992		-8.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/04/1992		-8.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/04/1992		-8.37	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/05/1992		-8.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/05/1992		-8.50	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/08/1992		-8.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	19/08/1992		-8.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/10/1992		-8.56	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/10/1992		-8.67	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/11/1992		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/12/1992		-8.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/12/1992		-8.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/01/1993		-9.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/02/1993		-9.12	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/03/1993		-9.22	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	27/04/1993		-9.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/06/1993		-9.47	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	06/07/1993		-9.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/1993		-9.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	15/11/1993		-9.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/12/1993		-9.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/01/1994		-9.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/01/1994		-9.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/02/1994		-9.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project	Quality
A	31/03/1994		-9.03	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1994		-9.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1994		-9.14	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	18/08/1994		-9.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/10/1994		-9.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/11/1994		-9.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/01/1995		-9.87	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/01/1995		-9.90	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/03/1995		-9.88	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1995		-10.05	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/09/1995		-10.62	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1995		-10.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/11/1995		-10.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/12/1995		-9.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/02/1996		-7.10	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/06/1996		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/08/1996		-6.21	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/1996		-6.94	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/03/1997		-7.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/04/1997		-7.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/07/1997		-7.92	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/12/1997		-8.24	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/02/1998		-7.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/07/1998		-8.45	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/10/1998		-8.00	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	30/11/1998		-8.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/01/1999		-8.04	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/05/1999		-7.46	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/08/1999		-7.63	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/10/1999		-7.71	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/12/1999		-7.48	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/02/2000		-7.38	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/06/2000		-7.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000		-8.19	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/2001		-8.32	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001		-7.84	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/06/2001		-7.78	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001		-7.98	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/10/2001		-8.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002		-8.04	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/05/2002		-8.60	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/08/2002		-8.29	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2002		-8.41	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002		-8.46	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002		-8.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002		-8.81	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003		-8.92	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003		-8.18	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003		-8.73	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/04/2003		-8.54	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	10/06/2003		-8.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/07/2003		-8.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/2003		-8.63	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003		-8.89	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004		-8.31	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/05/2004		-7.87	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004		-7.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/09/2004		-8.23	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2004		-8.09	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2004		-8.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005		-8.02	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005		-8.22	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005		-8.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005		-8.15	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/08/2005		-8.09	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2005		-8.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005		-8.62	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006		-8.35	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006		-8.61	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006		-8.66	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006		-8.69	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006		-8.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/09/2006		-8.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2006		-9.06	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/01/2007		-9.30	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	07/03/2007		-9.51	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007		-9.72	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007		-9.88	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007		-9.95	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007		-9.36	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	28/11/2007		-9.07	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008		-7.18	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008		-7.14	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/06/2008		-7.20	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/07/2008		-7.40	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008		-7.42	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009		-7.83	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/06/2009		-7.74	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009		-7.89	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/09/2009		-8.13	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/2010		-7.99	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/2010		-7.82	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010		-7.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/08/2010		-7.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/09/2010		-7.81	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/2010		-7.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010		-7.83	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/09/2010		-7.80	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/10/2010		-7.61	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010		-7.75	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	16/02/2011		-5.91	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011		-6.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/08/2011		-6.79	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011		-7.33	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2011		-7.32	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/02/2012		-7.12	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012		-7.44	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012		-7.59	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/2013		-8.15	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/04/2013		-6.08	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/07/2013		-6.60	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/11/2013		-7.28	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/12/2013		-7.41	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/04/2014		-7.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/07/2014		-7.58	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/10/2014		-7.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/01/2015		-7.45	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/04/2015		-7.65	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2015		-7.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/10/2015		-8.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-7.65	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/04/2016		-7.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2016		-7.42	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-7.33	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-7.06	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Bore Report

From Year:

Pipe	Date	Time	Measure (m)	Meas	Point	Remark	Meas	Type	Coll Auth	Coll	Method	Project		Quality
A	20/04/2017		-6.64	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	14/07/2017	1437	-6.65	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-7.24	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-7.62	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-7.59	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/07/2018		-7.86	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/09/2018		-8.16	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/01/2019		-7.93	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **42231336**

Field Measurements

0 ***records for RN*** **42231336**

Special Water Analysis

0 ***records for RN*** **42231336**

Bore Report

From Year:

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Bore Report

From Year:

Registered Number	Facility Type	Facility Status	Drilled Date	Office	Shire
42231337	Sub-Artesian Facility	Existing	19/08/1986	Warwick	6660 - SOUTHERN DOWNS REGIONAL

Details

Description	ROAD RSV SEPARATING P113 & P116		
Parish	2009 - GLADFIELD		
Original Name			
Driller Name			
Drill Company			
Const Method	CABLE TOOL		
Bore Line			
D/O File No		**Polygon**	
R/O File No		**Equipment**	NE
H/O File No		**RN of Bore Replaced**	
Log Received Date		**Data Owner**	DNR
Roles	WR Investigation Sub-Artesian Monitoring		

Location

Latitude	28-03-30	**Basin**	4223
Longitude	152-13-05	**Sub-area**	140
GIS Latitude	-28.058279151	**Lot**	
GIS Longitude	152.217906678	**Plan**	
Easting	423143		
Northing	6896095	**Map Scale**	40C - 40 Chain
Zone	56	**Map Series**	N - New Series
Accuracy	INSP	**Map No**	5955
GPS Accuracy		**Map Name**	
Checked	Yes	**Prog Section**	

Casing

3 ***records for RN*** **42231337**

Pipe	Date	Rec	Top (m)	Bottom (m)	Material Description	Mat Size (mm)	Size Desc	Outside Diameter (mm)
A	19/08/1986	1	0.00	14.00	Plastic Casing	3.350	WT - Wall Thickness	50
A	19/08/1986	2	11.00	14.00	Perforated or Slotted Casing	2.000	AP - Aperture Size	50
X	19/08/1986	1	0.00	14.30	Gravel Pack	9.500	GR - Gravel Size	152

Strata Logs

10 ***records for RN*** **42231337**

Bore Report

From Year:

Rec	Top (m)	Bottom (m)	Strata Description
1	0.00	1.20	BROWN SOIL DRILLER C MALONE
2	1.20	1.50	BROWN CLAY
3	1.50	1.80	BROWN SILT
4	1.80	8.50	BROWN SILTY CLAY
5	8.50	11.00	BROWN CLAY
6	11.00	11.50	CLAYBOUND GRAVEL & BOULDERS
7	11.50	12.50	GRAVEL & BOULDERS
8	12.50	14.00	BROWN CLAY & BOULDERS
9	14.00	14.30	FRACTURED BASALT
910	11.00	14.00	QUALITY DESCRIP/CONDUCT: 902

Stratigraphies

1 *records for RN* **42231337**

Source	Rec	Top (m)	Bottom (m)	Strata Description
DNR	1			GAP CREEK ALLUVIUM

Aquifers

1 *records for RN* **42231337**

Rec	Top (m)	Bottom (m)	Lithology	Date	SWL (m)	Flow	Quality	Yield (L/s)	Contr	Cond	Formation Name
1	11.00	14.00	CLAY - Clay GRAV - Gravel SILT - Silt, Silty						Y	UC	GLENGALLAN CREEK ALLUVIUM

Pump Tests Part 1

0 *records for RN* **42231337**

Pump Tests Part 2

0 *records for RN* **42231337**

Bore Conditions

0 *records for RN* **42231337**

Bore Report

From Year:

Elevations

2 *records for RN* **42231337**

Pipe	Date	Elevation (m)	Precision		Datum	Meas	Point	Survey Source
A	19/08/1986	496.29	SVY	Surveyed	AHD - Aust. Height Datum	R	Reference Point	11661
X	19/08/1986	495.97	SVY	Surveyed	AHD - Aust. Height Datum	N	Natural Surface	11661

Water Analysis Part 1

6 *records for RN* **42231337**

Pipe	Date	Rec	Analyst	Analysis No	Depth (m)	Meth	Src	Cond (uS/cm)	pH	Si (mg/L)	Total Ions (mg/L)	Total Solids (mg/L)	Hard	Alk	Fig. of Merit	SAR	RAH
A	22/08/1986	1	GCL	116175	0.00	AI	GB	850	8.1	30	710.00	510.00	380	385	4.2	0.9	0.10
A	10/02/1988	1	GCL	123460		AI	GB	790	8.0	29	652.94	455.75	363	370	5.1	0.8	0.14
A	17/04/1989	1	GCL	129531		AI	GB	950	8.1		690.00	470.00	390	360	4.6	0.9	0.00
A	28/05/2013	1	GCL	312973	10.00	PW	GB	872	7.4	36	682.00	505.00	384	346	4.8	0.8	0.00
A	20/05/2014	1	GCL	307714	11.50	BA	GB	1010	7.7	35	715.00	557.00	435	313	5.4	0.8	0.00
A	14/03/2016	1	GCL	326436	13.00	PB	GB	1120	7.5	38	810.00	620.00	486	369	5.7	0.8	0.00

Water Analysis Part 2

6 *records for RN* **42231337**

Pipe	Date	Rec	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	22/08/1986	1	42.0	1.0	58.0	57.0	0.01	460.0	0.31	4.3	74.0	0.10	11.0	4.5				
A	10/02/1988	1	33.0	0.7	68.0	47.0	0.01	445.0	0.03	3.3	53.0	0.10	0.5	2.3				
A	17/04/1989	1	39.0	2.0	68.0	53.0	0.01	430.0	0.15	3.5	61.0	0.10	29.0	2.5				
A	28/05/2013	1	37.0	1.0	72.0	50.0	<0.01	420.0	<0.01	0.7	77.0	0.07	8.5	16.0	0.09	<0.05	0.02	<0.03
A	20/05/2014	1	37.0	0.9	81.0	57.0	<0.01	379.0	<0.01	1.3	110.0	0.06	31.0	17.9	0.03	<0.05	0.03	<0.03
A	14/03/2016	1	39.0	0.9	91.0	63.0	<0.01	448.0	<0.01	1.0	110.0	0.05	31.0	23.0	0.07	<0.05	0.02	<0.03

Water Levels

209 *records for RN* **42231337**

Pipe	Date	Time	Measure	Meas	Point	Remark	Meas	Type	Coll	Coll	Method	Project	Quality

Bore Report

From Year:

		(m)					Auth				
A	27/08/1986	-8.97	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/10/1986	-9.23	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	21/10/1986	-9.16	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	31/10/1986	-9.12	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/12/1986	-8.87	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/01/1987	-9.07	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/02/1987	-8.22	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/04/1987	-8.88	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/06/1987	-7.87	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/08/1987	-7.75	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/1987	-7.90	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/01/1988	-8.85	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1988	-8.01	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/04/1988	-6.57	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/05/1988	-6.70	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/07/1988	-5.34	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1988	-5.51	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/10/1988	-6.81	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/01/1989	-7.15	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/03/1989	-8.63	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/04/1989	-6.84	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/05/1989	-5.69	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/07/1989	-5.78	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/09/1989	-6.86	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/11/1989	-6.55	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/02/1990	-7.70	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

		(m)					Auth				
A	21/05/1990	-6.49	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	01/08/1990	-6.96	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1990	-8.50	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/01/1991	-9.05	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/01/1991	-8.94	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/02/1991	-7.18	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/05/1991	-8.94	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/08/1991	-9.57	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/08/1991	-9.76	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/09/1991	-9.92	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/09/1991	-10.08	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/10/1991	-10.05	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	22/10/1991	-10.10	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/11/1991	-10.09	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/11/1991	-10.16	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/12/1991	-10.04	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	13/12/1991	-9.94	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/12/1991	-9.45	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/12/1991	-9.17	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/01/1992	-8.63	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/01/1992	-8.22	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	29/01/1992	-8.38	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/02/1992	-8.03	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/04/1992	-8.65	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	14/04/1992	-8.75	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/05/1992	-8.87	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

		(m)					Auth				
A	19/05/1992	-8.41	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/07/1992	-7.34	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	04/08/1992	-7.19	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	19/08/1992	-7.40	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/10/1992	-7.83	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/10/1992	-8.49	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/11/1992	-8.43	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/12/1992	-8.09	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/12/1992	-8.02	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/01/1993	-9.04	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/02/1993	-9.16	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/03/1993	-9.49	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/04/1993	-9.80	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	27/04/1993	-9.89	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	01/06/1993	-9.98	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1993	-10.07	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	10/09/1993	-10.14	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/11/1993	-10.15	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/12/1993	-10.06	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/01/1994	-10.22	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	31/03/1994	-8.97	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1994	-9.41	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/07/1994	-9.96	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	18/08/1994	-10.04	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	05/10/1994	-10.32	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/11/1994	-10.27	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

Bore Report

From Year:

		(m)					Auth				
A	11/01/1995	-10.24	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/01/1995	-10.13	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	02/03/1995	-9.71	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/05/1995	-9.79	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/09/1995	-10.11	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/11/1995	-9.99	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	24/11/1995	-9.75	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	06/12/1995	-9.24	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	07/02/1996	-7.28	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	20/06/1996	-6.17	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	15/08/1996	-6.27	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/11/1996	-6.34	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	12/03/1997	-6.83	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/04/1997	-7.74	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/07/1997	-7.38	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	11/12/1997	-7.82	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	25/02/1998	-6.76	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	09/07/1998	-7.39	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	08/10/1998	-6.19	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	30/11/1998	-6.41	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/01/1999	-6.58	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	17/05/1999	-7.20	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	26/08/1999	-6.99	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	28/10/1999	-6.46	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	03/12/1999	-6.23	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality
A	23/02/2000	-6.30	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded	130	Data is of unknown quality

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From Year:

		(m)					Auth					
A	22/06/2000	-6.86	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/09/2000	-7.50	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	04/01/2001	-7.15	R	Reference Point P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2001	-6.31	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/06/2001	-6.79	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/07/2001	-7.04	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/10/2001	-7.05	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/01/2002	-6.75	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/05/2002	-8.15	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/08/2002	-9.04	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/10/2002	-10.31	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/10/2002	-10.55	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/11/2002	-10.80	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/12/2002	-10.63	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	31/01/2003	-10.97	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/02/2003	-10.15	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	05/03/2003	-10.24	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/04/2003	-9.37	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/06/2003	-9.82	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/07/2003	-9.42	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/09/2003	-10.68	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	25/11/2003	-11.24	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	30/01/2004	-9.84	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/05/2004	-8.54	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/07/2004	-8.88	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/09/2004	-8.84	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

From Year:

		(m)					Auth					
A	11/10/2004	-9.58	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/12/2004	-9.94	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	13/01/2005	-9.54	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/03/2005	-10.29	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/05/2005	-10.84	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/07/2005	-9.50	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	03/08/2005	-9.84	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/09/2005	-10.76	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	22/11/2005	-10.57	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	24/01/2006	-10.47	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/03/2006	-10.18	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	17/05/2006	-10.98	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/07/2006	-11.40	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	31/08/2006	-11.57	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	04/09/2006	-11.60	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2006	-11.88	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	18/01/2007	-11.93	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/03/2007	-12.13	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	03/05/2007	-12.21	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	11/07/2007	-12.51	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/09/2007	-12.25	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/11/2007	-11.73	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	28/11/2007	-11.60	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/03/2008	-8.58	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	12/06/2008	-8.03	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/06/2008	-7.92	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

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From Year:

		(m)					Auth					
A	24/07/2008	-7.62	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	19/09/2008	-7.86	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/01/2009	-7.70	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	11/06/2009	-7.00	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/08/2009	-7.82	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/09/2009	-8.27	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/01/2010	-8.27	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	24/05/2010	-7.32	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	21/07/2010	-6.89	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	25/08/2010	-6.68	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	02/09/2010	-6.64	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/09/2010	-6.60	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/09/2010	-6.59	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/09/2010	-6.56	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	26/10/2010	-6.28	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	17/11/2010	-6.45	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/02/2011	-5.62	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	12/05/2011	-6.54	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	08/08/2011	-7.32	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	30/11/2011	-6.77	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	14/12/2011	-6.61	R	Reference Point B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	13/02/2012	-6.30	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	23/04/2012	-7.26	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	09/07/2012	-6.66	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	07/01/2013	-6.96	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	22/04/2013	-6.58	R	Reference Point	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality

From Year:

			(m)						Auth					
A	28/05/2013		-6.68	R	Reference Point	B	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/07/2013		-6.52	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	01/11/2013		-7.57	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/12/2013		-7.13	R	Reference Point	P	NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	10/04/2014		-7.40	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	20/05/2014		-7.85	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	16/07/2014		-7.73	R	Reference Point		NR	Not Recorded	NR	NR	Not Recorded		130	Data is of unknown quality
A	29/10/2014		-7.54	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	28/01/2015		-6.75	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	10/04/2015		-7.23	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2015		-7.78	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	23/10/2015		-8.79	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/11/2015		-7.58	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/01/2016		-7.00	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	14/03/2016		-7.10	R	Reference Point	B	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	06/04/2016		-7.03	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	15/07/2016		-7.05	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	21/10/2016		-6.96	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/01/2017		-7.23	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	20/04/2017		-7.31	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	14/07/2017	1432	-7.12	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	26/10/2017		-7.77	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand		1	Good - Actual Manual Measurements
A	01/02/2018		-8.81	R	Reference Point		ACT	Actual	DH	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/04/2018		-7.84	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	09/07/2018		-8.60	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements
A	27/09/2018		-8.91	R	Reference Point		ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

From Year:

		(m)					Auth					
A	09/01/2019	-8.70	R	Reference Point	ACT	Actual	DG	MA	Manual/Hand	GWAN	1	Good - Actual Manual Measurements

Wire Line Logs

0 ***records for RN*** **42231337**

Field Measurements

3 ***records for RN*** **42231337**

Pipe	Date	Depth (m)	Conduct (uS/cm)	pH	Temp (C)	NO3 (mg/L)	DO2 (mg/L)	Eh (mV)	Alkalinity (mV)	Samp	Method	Samp	Source
A	28/05/2013	10.00	800	7.0	20.1					PW	Pump - WaTerra	GB	Groundwater - from Bore
A	20/05/2014	11.50	844	7.2	19.6		2.70			BA	Bailer - Other	GB	Groundwater - from Bore
A	14/03/2016	13.67	1102	7.2	25.1		2.33			PB	Pump - Bladder	GB	Groundwater - from Bore

Special Water Analysis

2 ***records for RN*** **42231337**

Sample

Pipe	Sample Date	Analysis No	Depth	Bottle	Coll Auth	Coll	Method	Source	Pres Methods	Received Date	Projects
A	28/05/2013	312973	10.00	D	DH	PW	Pump - WaTerra	GB	CH	28/05/2013	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		2.50000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		9.50000	Milligrams/Litre	10	Good - Time Series Data

Sample

Pipe	Sample	Analysis No	Depth	Bottle	Coll	Coll	Method	Source	Pres Methods	Received	Projects

Bore Report

From Year:

	Date				Auth					Date	
A	14/03/2016	326436	13.00	D	DG	PB	Pump - Bladder	GB	FR	14/03/2016	GWAN

Comments

Results

Variable	Name	Flag	Value	Units	Quality	
2337	Total Nitrogen		6.00000	Milligrams/Litre	10	Good - Time Series Data
2363	Total Phosphorus as P		0.47000	Milligrams/Litre	10	Good - Time Series Data

Bore Report

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APPENDIX C QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

QUALITY ASSURANCE (QA) AND QUALITY CONTROL (QC)

1. Data Usability

1.1 Introduction

Information generated from environmental investigations requires some statement in regard to the usability of the data[1], and therefore quality assurance (QA) and quality control (QC) are an integral part of the analysis and interpretation of environmental data. QA/QC `used in contaminated sites investigations is briefly reviewed in this section.

Moreton Environmental would like to acknowledge the NSW Auditor Mark Salmon, Principal Scientist in Cavvanba Consulting and colleague, mentor and friend of Dan Morton, originally produced the development of these QAQC procedures.

Quality assurance involves all of the actions, procedures, checks and decisions undertaken to ensure the representativity and integrity of samples, and accuracy and reliability of analytical results (NEPC 1999). Quality control is the component of QA, which monitors and measures the effectiveness of other procedures by the comparison of these measures to previously decided objectives.

There are various components of QA/QC, which address the operation of the laboratories and the routine procedures conducted to achieve a minimum level of quality. Examples of QA components include sample control, data transfer, instrument calibration, staff training, etc. Examples of QC components include the measurement of samples to access the quality of reagents and standards, cleanliness of apparatus, accuracy and precision of methods and instruments, etc. Generally, the National Association of Testing Authorities (NATA) addresses the management of laboratory QA issues through accreditation, or similar, and monitoring of these issues is not addressed on a project-by-project basis.

On a project specific basis, those involved in collecting, assessing or reviewing the relevant data should ensure the minimum level of QA is conducted. Appropriate numbers and types of QC samples should be collected and analysed, both field QC samples and laboratory QC samples. While minimum levels of QA/QC are specified in some guidelines, e.g. NSW EPA 1994, AS 4482.1-1997, NEPC 1999, the minimum level required may vary between projects, based on site and project specific aspects. This means that the minimum specified requirements may not be sufficient for a particular project. As described in the NEPM (NEPC 1999):

[1] To avoid confusion with the data quality objectives (DQOs) process, the term data usability is used rather than data quality.

As a general rule, the level of required QC is that which adequately measures the effects of all possible influences upon sample integrity, accuracy and precision, and is capable of predicting their variation with a high degree of confidence.

A common example of where site requirements dictate additional QA and associated QC samples is when site history indicates the use of petrol or volatile solvents, field procedures may need to be more stringently adhered to and additional QC samples may be required, including trip blanks and trip spikes.

2. PARCC parameters

Following receipt of laboratory analytical results, data validation is conducted to determine if the specified acceptance criteria have been met. This is conducted to ensure that all data, and subsequent decisions based on that data, are technically sound. Data quality is typically discussed in terms of precision, accuracy, representativity, comparability and completeness. These are referred to as the PARCC parameters[2]. Field QA/QC and laboratory QC is described below within the PARCC framework.

2.1 Precision

Duplicates

Precision is a measure of the reproducibility of results under a given set of conditions and is assessed on the basis of agreement between a set of duplicate results obtained from duplicate analyses. The precision of a duplicate determination is measured by comparing the difference between the two samples to the average of the two samples, expressed as a relative percentage difference (RPD).

The determination is:

$$RPD = (P-D)/(P+D/2) \times 100$$

P = primary sample

D = duplicate sample

Three types of duplicates are commonly used:

A. field duplicates are used to measure the precision of the sampling and analytical process;

B. inter-laboratory duplicates are used to check on the analytical performance of the primary laboratory; and

C. laboratory duplicates are used to measure the precision of the analytical process.

Field Duplicates

Field duplicates (or blind replicates) are collected from the same location and submitted to the laboratory for analyses, as a primary sample. The sample nomenclature is such that the laboratory is not aware which sample is a duplicate.

[2] The PARCC parameters are sometimes referred to as data quality indicators (DQIs).

The RPD is calculated to determine the degree of repeatability (precision) of results obtained from the duplicate analysis. Where results are below the practical quantification limit (PQLs) or limits of reporting (LORs), i.e. non detects, RPDs cannot be calculated. Where one result is detected, the results are considered to conform when the detected result is less than five times the PQL/LOR.

The PQL/LOR is the lowest concentration of an analyte that can be determined with acceptable precision (repeatability) and accuracy under the test conditions. The PQL/LOR is usually calculated as five times the lower limit of detection (or method detection limit). However, adjustments in PQLs/LORs may be required due to interference from high contaminant concentrations.

As environmental samples can exhibit a high degree of heterogeneity, field duplicates often exceed the acceptance criterion, particularly if the samples are co-collected, for example, because of the potential for losing volatiles during sample splitting. The NSW EPA require that before results which fail the acceptance criterion are described as due to low concentrations or sample heterogeneity, the sample should be re-analysed. This may not be necessary when the analytical results are significantly less than the landuse criteria.

RPDs in general for Field Duplicates will be non-conforming if the RPD is greater than 30% in water or greater than 50% in soil.

Inter-laboratory duplicates

Inter-laboratory duplicates (or split samples) are field duplicates which are sent to a second laboratory and analysed for the same analytes and, as far as possible, by the same methods. These provide a check on the analytical performance of the primary laboratory.

Laboratory Duplicates

Laboratory duplicates (or check samples) are field samples which are split by the laboratory and thereafter treated as separate samples. The RPD is calculated to determine the degree of repeatability (precision) of results obtained from the duplicate analysis.

USEPA (1994) specifies that for inorganics, if the results for laboratory duplicates fall outside of the recommended control limits for a particular analyte, all results for that analyte, in all associated samples of the same matrix, should be qualified as an estimated quantity. For organics, USEPA (1999) does not specify recommended actions for laboratory duplicates.

RPDs in general for Lab Duplicates will be non-conforming if the RPD is greater than 30% in water or greater than 50% in soil.

For volatiles in general for Lab Duplicates will be non-conforming if the RPD is greater than 20% in water and soil.

2.2 Accuracy

Accuracy is a measure of the agreement between an experimental determination and the true value of the parameter being measured. Inasmuch as the true sample concentrations are not known, the determination of accuracy is achieved through

the analysis of known reference materials or assessed by the analysis of matrix spikes. Spiking of reference material into the actual sample matrix is the preferred technique because it provides a measure of the matrix effects on the analytical recovery.

Accuracy is measured in terms of percentage recovery as defined by:

$$\%R = ((SSR - SR) / SA) \times 100$$

%R = percentage recovery spike

SSR = spiked sample result

SR = sample result

SA = spike added

Matrix spikes/matrix spike duplicates

These are samples prepared in the laboratory by dividing a sample into two aliquots and then spiking each with identical concentrations of specific analytes. The matrix spike (MS) and matrix spike duplicate (MSD) are then analysed separately and the results compared to determine the accuracy and precision of the analytes.

Surrogate spikes

Surrogate spikes provide an indication of analytical accuracy. They are used only for analyses, which use gas chromatography and are compounds which are similar to the organic analytes of interest in chemical composition, extraction and chromatography, but which are not normally found in field samples. Surrogates are generally spiked into all sample aliquots prior to preparation and analysis.

If the surrogate spike recovery does not meet the prescribed DQO, the samples should be re-analysed.

Laboratory control samples

Laboratory control samples (quality control check samples) are laboratory prepared samples of an appropriate clean matrix (i.e. sand or distilled water) which are spiked with known concentrations of specific analytes. The laboratory control sample (LCS) is then analysed and the results are used to assess sample preparation and analytical accuracy, free of matrix effects. Certified reference material (CRM) is another form of LCS, and involves the analysis of a known standard as part of the laboratory batch, e.g. British Columbia sediment samples for analysis of metals.

2.3 Representativity

Representativity refers to the degree to which the samples reflect the site specific conditions. It is primarily dependent on the design and implementation of the sampling program, with representativity of the data being partially ensured by the avoidance of cross-contamination, adherence to sample handling and analytical methods, use of field duplicates, ensuring that samples do not exceed holding times prior to analysis, use of chain-of-custody forms and other appropriate documentation.

There are a number of QC samples which can be collected to assist in the qualification of representativity, including:

Rinsate blanks

Used to determine if sampling equipment has been adequately decontaminated to ensure that cross-contamination between samples has not occurred. The frequency for rinsate blanks is one per piece of equipment per day (AS 4482.1-1997), however it should be noted that cross-contamination will bias samples upwards, and the frequency should therefore be at the investigators discretion.

Trip blanks

Used only when volatile organics are sampled to determine if transport in motor vehicles or similar has resulted in contamination of the samples. For trip blanks, a sufficient number should be analysed to allow the Representativity of the sampling to be determined. However, it should be noted that cross-contamination would bias samples upward, and the frequency should therefore be at the investigators discretion.

Trip spikes

Used only when volatile organics are sampled to attempt to quantify loss of volatiles during the analytical process. For trip spikes, a sufficient number of samples should be analysed to allow qualification of the likely loss of volatiles during the field sampling.

Laboratory blanks

Laboratory blanks (or method blanks, or analysis blanks) are used to verify that contaminants are not introduced into the samples during sample preparation and analysis. The NEPM (NEPC 1999) specifies that laboratory blanks should be conducted at a frequency of “at least one per process batch”. The DQO for laboratory blanks is non-detect at the PQL/LOR.

2.4 Comparability

Comparability is a qualitative parameter designed to express the confidence with which one data set may be compared with another, including established criteria. Using consistent methods and ensuring that PQLs/LORs are below the relevant criteria maintain comparability.

QC sample completeness

Quality control sample completeness is defined as the number of QC samples which should have been analysed, compared to the actual number analysed. If the appropriate number of QC samples are not analysed with each matrix or sample batch, then the data reviewer should use professional judgement to determine if the associated sample data should be qualified.

QC sample frequency and criteria

Based on EPA made or approved guidelines, the following QC samples are required for all contaminated site investigations, unless otherwise specified as part of the data quality objectives (DQOs) process review. All data to be used for validation

should conform as a minimum to the requirements specified, regardless of minimum sample size.

Table 1: Quality Control Samples

Quality control sample	Frequency	Results [1]
Precision		
Field duplicates.	≥ 5%	≤ 30 - 50% [2]
Inter-laboratory duplicates.	≥ 5%	≤ 30 - 50% [2]
Laboratory duplicates.	≥ 10%	Lab specified [3]
Accuracy		
Surrogate spikes.	Organics by GC	70 – 130% [4]
Matrix spikes (MSs).	≥ 1/media type	70 - 130% [5]
Laboratory control samples (LCSs).	≥ 1/lab batch	70 - 130% [6]
Certified reference material (CRM).	LCS for metals	Lab specified [7]
Representativity		
Rinsate samples.	≥ 1/field batch	< LOR
Trip blanks.	≥ 1/field batch (volatiles)	< LOR
Trip spikes.	≥ 1/field batch (volatiles)	70 - 130%, ≤ 30 - 50% [8]
Laboratory blanks.	≥ 1/lab batch	< LOR

Notes:

1. Where results are laboratory specified, the laboratory analytical reports should be consulted for specific information.
2. Relative percentage differences (RPDs) for field duplicates from AS 4482.1 (1997).
3. RPDs for laboratory duplicates specified by the laboratory. Based on the magnitude of the results compared to the level of reporting (LOR), e.g. ALS: result < 10 x LOR = no limit, 10 – 20 x LOR = 0-50%, > 20 x LOR = 0-20%. LabMark: < 5 x LOR = 0-100%, 5 – 10 x LOR = 0-75%, > 10 x LOR = 0-50% or 0-30% for metals.

4. Surrogate recoveries specified by laboratory based on global acceptance criteria or dynamic recovery limits based on statistical evaluation of actual laboratory data.
5. MS recoveries specified by laboratory based on global acceptance criteria.
6. LCS recoveries specified by laboratory based on global acceptance criteria or dynamic recovery limits based on statistical evaluation of actual laboratory data.
7. CRM recoveries specified by laboratory based on global acceptance criteria.
8. Trip spike results are specified as either recoveries or RPDs.

References

- Australian New Zealand Environment and Conservation Council (1996) *Guidelines for the laboratory analysis of contaminated soils*. ANZECC, Canberra, ACT.
- Australian Standard AS 4482.1 (2005) *Guide to the sampling and investigation of potentially contaminated soil, Part 1: Non-volatile and Semi-volatile compounds*. Standards Australia, Homebush, NSW.
- National Environment Protection Council (NEPC) (1999) *National Environmental Protection (Assessment of Site Contamination) Measure, Schedule B(2) Guideline on Data Collection, Sample Design and Reporting*. National Environment Protection Council Service Corporation. Adelaide, SA.
- National Environment Protection Council (NEPC) (1999) *National Environmental Protection (Assessment of Site Contamination) Measure, Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soil*. National Environment Protection Council Service Corporation. Adelaide, SA.
- NSW Environment Protection Authority (1994) *Contaminated Sites: Guidelines for Assessing Service Station Sites*. NSW EPA, Chatswood, NSW.
- NSW Environment Protection Authority (1997) *Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites*. NSW EPA, Chatswood, NSW.
- United States Environmental Protection Agency, Contract Laboratory Program (1994) *National Functional Guidelines for Inorganic Data Review*. USEPA, Washington, DC.

United States Environment Protection Agency, Contract Laboratory Program (1999) *National Functional Guidelines for Organic Data Review*. USEPA, Washington, DC.

APPENDIX D LABORATORY CERTIFICATE OF ANALYSIS

CHAIN OF CUSTODY

ALS Laboratory: please tick →

☐ **Sydney:** 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E:samples.sydney@alsenviro.com
☐ **Newcastle:** 5 Rosegum Rd, Warabrook NSW 2304 Ph:02 4968 9433 E:samples.newcastle@alsenviro.com
☐ **Brisbane:** 32 Shand St, Stafford QLD 4053 Ph:07 3243 7222 E:samples.brisbane@alsenviro.com
☐ **Townsville:** 14-15 Desma Ct, Bohle QLD 4818 Ph:07 4796 0600 E: townsville.environmental@alsenviro.com
☐ **Melbourne:** 2-4 Westall Rd, Springvale VIC 3171 Ph:03 8549 9600 E: samples.melbourne@alsenviro.com
☐ **Adelaide:** 2-1 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E:adelaide@alsenviro.com
☐ **Perth:** 10 Hod Way, Malaga WA 6090 Ph: 08 9209 7655 E: samples
☐ **Launceston:** 27 Wellingto Ph: 03 6331 2158 E: launces

Environmental Division
Brisbane
Work Order Reference
EB1908685

Telephone : + 61-7-3243 7222

CLIENT:	Moreton Environmental	**TURNAROUND REQUIREMENTS :** (Standard TAT may be longer for some tests e.g. Ultra Trace Organics)	☐ Standard TAT (List due date): ☐ Non Standard or urgent TAT (List due date):
OFFICE:	Sheldon		
PROJECT:	18006_Scenic Rim Trail	**ALS QUOTE NO.:**	
ORDER NUMBER:	18006		
PROJECT MANAGER:	Dan Morton	**CONTACT PH:**	
SAMPLER:	Dan Morton	**SAMPLER MOBILE:** 0400 823 993	
COC emailed to ALS? (YES / NO)		**EDD FORMAT (or default):**	
Email Reports to (will default to PM if no other addresses are listed): dan@moretonenvironmental.com.au			
Email Invoice to (will default to PM if no other addresses are listed): dan@moretonenvironmental.com.au			

COC SEQUENCE NUMBER (Circle)
COC: 1 2 3 4 5 6 7
OF: 1 2 3 4 5 6 7

FOR LABORATO
Rate/cycle standard
Free ice / frozen ice
Random Sample Ter
Other comment

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:
DATE/TIME:	DATE/TIME: 4/4/19 13:00	DATE/TIME:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALS USE ONLY	SAMPLE DETAILS MATRIX: Solid(S) Water(W)			CONTAINER INFORMATION		ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite. Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).								Additional Information
LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE *(refer to codes below)*	TOTAL BOTTLES	pH plus EC (1:5) W-4S	MW006 (-c) E.coli by Membrane Filtration	W-01T 7 metals [Total & Dissolved]	Extended Water Suite B NT - 14					Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.
1	SW01	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
2	SW02	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
3	SW03	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
4	SW04	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
5	SW05	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
6	SW06	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
7	SW07	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
8	SW08	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
9	SW09	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
10	SW10	3/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
	DUP01	3/4/19	Water	None, Samples kept at 4°C	2			1						Send to Symbio Labs
	DUP02	3/4/19	Water	None, Samples kept at 4°C	2			1						Send to Symbio Labs
	EXTRA SAMPLE													
11	TRIP BLANK 290126													
				TOTAL	44	10	10	12	10	0	0	0	0	

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP - Airfreight Unpreserved Plastic
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass;
Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag.

Rebecca Kleinschmidt

From: Dan Morton <dan@morenv.com.au>
Sent: Thursday, 4 April 2019 2:42 PM
To: ALSEnviro Brisbane
Subject: Re: COC 18006

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Bec

Rebecca,

I confirm addition of Trip Blank sample for vTRH/BTEX (W-18), thanks, Dan

Kind Regards,

Dan Morton, Principal Scientist
Moreton Environmental
220 Avalon Road, Sheldon, QLD 4157.
Mobile:0400 823 993
dan@morenv.com.au

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--

From: Rebecca Kleinschmidt <Rebecca.Kleinschmidt@alsglobal.com> on behalf of ALSEnviro Brisbane <ALSEnviro.Brisbane@alsglobal.com>
Date: Thursday, 4 April 2019 at 2:39 pm
To: Dan Morton <dan@morenv.com.au>
Cc: Samples Brisbane <Samples.Brisbane@alsglobal.com>
Subject: RE: COC 18006

Hi Dan,

Thanks for sending that through. As discussed, please confirm addition of Trip Blank sample for vTRH/BTEX (W-18)?

Regards,

Rebecca Kleinschmidt
Senior Client Services, Environmental
Brisbane

T +61 7 3243 7222
rebecca.kleinschm
2 Byth Street (cnr S

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **EB1908685**	Page	: 1 of 8
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Contact	: Customer Services EB
Address	: 220 AVALON ROAD SHELDON QLD, AUSTRALIA 4157	Address	: 2 Byth Street Stafford QLD Australia 4053
Telephone	: ----	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 04-Apr-2019 13:00
Order number	: 18006	Date Analysis Commenced	: 04-Apr-2019
C-O-C number	: ----	Issue Date	: 12-Apr-2019 15:46
Sampler	: DAN MORTON		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 11		
No. of samples analysed	: 11		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Anuththara Jayasuriya	Microbiologist	Brisbane Microbiological, Stafford, QLD
Kim McCabe	Senior Inorganic Chemist	Brisbane Inorganics, Stafford, QLD
Santusha Pandra	Organic Chemist	Brisbane Organics, Stafford, QLD

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- MF = membrane filtration
- CFU = colony forming unit
- Microbiological Comment: In accordance with ALS work instruction QWI-MIC/04, membrane filtration result is reported an approximate (~) when the count of colonies on the filtered membrane is outside the range of 10 - 100cfu.
- It is recognised that EK067G (Total Phosphorus) is less than EK071G (Reactive Phosphorus) for some samples. However, the difference is within experimental variation of the methods.
- It is recognised that EG020-T (Total Metals by ICP-MS) is less than EG020-F (Dissolved Metals by ICP-MS) for some samples. However, the difference is within experimental variation of the methods.
- MW006 is ALS's internal code and is equivalent to AS4276.7.
- EA016: Calculated TDS is determined from Electrical conductivity using a conversion factor of 0.65.
- Sodium Adsorption Ratio (where reported): Where results for Na, Ca or Mg are <LOR, a concentration at half the reported LOR is incorporated into the SAR calculation. This represents a conservative approach for Na relative to the assumption that <LOR = zero concentration and a conservative approach for Ca & Mg relative to the assumption that <LOR is equivalent to the LOR concentration.

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Client sample ID	SW01	SW02	SW03	SW04	SW05
			Client sampling date / time	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00
Compound	CAS Number	LOR	Unit	EB1908685-001	EB1908685-002	EB1908685-003	EB1908685-004	EB1908685-005
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	7.70	7.80	7.87	7.87	7.90
EA006: Sodium Adsorption Ratio (SAR)								
^ Sodium Adsorption Ratio	----	0.01	-	0.60	0.62	0.49	0.49	0.56
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	106	103	109	109	113
EA016: Calculated TDS (from Electrical Conductivity)								
Total Dissolved Solids (Calc.)	----	1	mg/L	69	67	71	71	73
EA065: Total Hardness as CaCO3								
Total Hardness as CaCO3	----	1	mg/L	34	31	38	38	38
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	38	35	42	38	41
Total Alkalinity as CaCO3	----	1	mg/L	38	35	42	38	41
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	4	2	2	2	2
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	10	10	10	10	11
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	7	6	7	7	7
Magnesium	7439-95-4	1	mg/L	4	4	5	5	5
Sodium	7440-23-5	1	mg/L	8	8	7	7	8
Potassium	7440-09-7	1	mg/L	1	1	2	2	1
EG020F: Dissolved Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
EG020T: Total Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	SW01	SW02	SW03	SW04	SW05
				Client sampling date / time	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00
Compound	CAS Number	LOR	Unit		EB1908685-001	EB1908685-002	EB1908685-003	EB1908685-004	EB1908685-005
					Result	Result	Result	Result	Result
EG020T: Total Metals by ICP-MS - Continued									
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L		**0.009**	<0.005	<0.005	<0.005	<0.005
EK040P: Fluoride by PC Titrator									
Fluoride	16984-48-8	0.1	mg/L		<0.1	<0.1	<0.1	<0.1	<0.1
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L		<0.01	**0.01**	<0.01	<0.01	<0.01
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		**0.03**	**0.04**	**0.14**	**0.14**	<0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.03**	**0.04**	**0.14**	**0.14**	<0.01
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**0.2**	**0.3**	**0.2**	**0.3**	**0.1**
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		**0.2**	**0.3**	**0.3**	**0.4**	**0.1**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.08**	**0.10**	**0.08**	**0.10**	**0.08**
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L		**0.09**	**0.09**	**0.10**	**0.10**	**0.10**
EN055: Ionic Balance									
Total Anions	----	0.01	meq/L		**1.12**	**1.02**	**1.16**	**1.08**	**1.17**
Total Cations	----	0.01	meq/L		**1.05**	**1.00**	**1.12**	**1.12**	**1.13**
MW006: Faecal Coliforms & E.coli by MF									
Escherichia coli	----	1	CFU/100mL		**~6**	**~3**	**~3**	<1	<1

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Client sample ID	SW06	SW07	SW08	SW09	SW10
			Client sampling date / time	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00
Compound	CAS Number	LOR	Unit	EB1908685-006	EB1908685-007	EB1908685-008	EB1908685-009	EB1908685-010
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	7.92	7.68	7.54	7.76	7.75
EA006: Sodium Adsorption Ratio (SAR)								
^ Sodium Adsorption Ratio	----	0.01	-	0.52	0.65	0.70	0.54	0.56
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	119	94	93	102	95
EA016: Calculated TDS (from Electrical Conductivity)								
Total Dissolved Solids (Calc.)	----	1	mg/L	77	61	60	66	62
EA065: Total Hardness as CaCO3								
Total Hardness as CaCO3	----	1	mg/L	45	29	25	31	29
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	42	31	26	32	32
Total Alkalinity as CaCO3	----	1	mg/L	42	31	26	32	32
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	2	1	2	5	1
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	10	11	12	9	10
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	8	5	5	6	5
Magnesium	7439-95-4	1	mg/L	6	4	3	4	4
Sodium	7440-23-5	1	mg/L	8	8	8	7	7
Potassium	7440-09-7	1	mg/L	2	1	1	2	1
EG020F: Dissolved Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	0.002	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
EG020T: Total Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	SW06	SW07	SW08	SW09	SW10
				Client sampling date / time	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00	03-Apr-2019 00:00
Compound	CAS Number	LOR	Unit		EB1908685-006	EB1908685-007	EB1908685-008	EB1908685-009	EB1908685-010
					Result	Result	Result	Result	Result
EG020T: Total Metals by ICP-MS - Continued									
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	**0.002**	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L		**0.007**	**0.006**	**0.024**	**0.006**	<0.005
EK040P: Fluoride by PC Titrator									
Fluoride	16984-48-8	0.1	mg/L		<0.1	<0.1	<0.1	<0.1	<0.1
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L		<0.01	**0.01**	**0.01**	**0.02**	<0.01
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		<0.01	<0.01	**0.34**	**0.97**	**0.07**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	<0.01	**0.34**	**0.97**	**0.07**
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**0.2**	**0.2**	**0.2**	**0.2**	**0.2**
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		**0.2**	**0.2**	**0.5**	**1.2**	**0.3**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.08**	**0.10**	**0.10**	**0.07**	**0.08**
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L		**0.10**	**0.11**	**0.10**	**0.09**	**0.10**
EN055: Ionic Balance									
Total Anions	----	0.01	meq/L		**1.16**	**0.95**	**0.90**	**1.00**	**0.94**
Total Cations	----	0.01	meq/L		**1.29**	**0.95**	**0.87**	**0.98**	**0.91**
MW006: Faecal Coliforms & E.coli by MF									
Escherichia coli	----	1	CFU/100mL		**10**	**9**	**~9**	**~3**	**~4**

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	TRIP BLANK 290126	----	----	----	----
				Client sampling date / time	04-Apr-2019 00:00	----	----	----	----
Compound	CAS Number	LOR	Unit	EB1908685-011	--------	--------	--------	--------	
				Result	----	----	----	----	
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	20	µg/L	<20	----	----	----	----	
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	20	µg/L	<20	----	----	----	----	
^ **C6 - C10 Fraction minus BTEX (F1)**	C6_C10-BTEX	20	µg/L	<20	----	----	----	----	
EP080: BTEXN									
Benzene	71-43-2	1	µg/L	<1	----	----	----	----	
Toluene	108-88-3	2	µg/L	<2	----	----	----	----	
Ethylbenzene	100-41-4	2	µg/L	<2	----	----	----	----	
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	----	----	----	----	
ortho-Xylene	95-47-6	2	µg/L	<2	----	----	----	----	
^ **Total Xylenes**	----	2	µg/L	<2	----	----	----	----	
^ **Sum of BTEX**	----	1	µg/L	<1	----	----	----	----	
Naphthalene	91-20-3	5	µg/L	<5	----	----	----	----	
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	2	%	**102**	----	----	----	----	
Toluene-D8	2037-26-5	2	%	**99.8**	----	----	----	----	
4-Bromofluorobenzene	460-00-4	2	%	**112**	----	----	----	----	

Surrogate Control Limits

Sub-Matrix: **WATER**		Recovery Limits (%)	
Compound	*CAS Number*	*Low*	*High*
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	66	138
Toluene-D8	2037-26-5	79	120
4-Bromofluorobenzene	460-00-4	74	118

ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **EB1908685**	Page	: 1 of 8
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Contact	: Customer Services EB
Address	: 220 AVALON ROAD SHELDON QLD, AUSTRALIA 4157	Address	: 2 Byth Street Stafford QLD Australia 4053
Telephone	: ----	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 04-Apr-2019
Order number	: 18006	Date Analysis Commenced	: 04-Apr-2019
C-O-C number	: ----	Issue Date	: 12-Apr-2019
Sampler	: DAN MORTON		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 11		
No. of samples analysed	: 11		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Anuththara Jayasuriya	Microbiologist	Brisbane Microbiological, Stafford, QLD
Kim McCabe	Senior Inorganic Chemist	Brisbane Inorganics, Stafford, QLD
Santusha Pandra	Organic Chemist	Brisbane Organics, Stafford, QLD

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Client sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Recovery Limits (%)*
EA005P: pH by PC Titrator (QC Lot: 2280948)									
EB1908719-001	Anonymous	EA005-P: pH Value	----	0.01	pH Unit	8.22	8.23	0.122	0% - 20%
EB1908685-001	SW01	EA005-P: pH Value	----	0.01	pH Unit	7.70	7.74	0.518	0% - 20%
EA010P: Conductivity by PC Titrator (QC Lot: 2280947)									
EB1908719-001	Anonymous	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	2560	2560	0.00	0% - 20%
EB1908685-001	SW01	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	106	106	0.00	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 2280949)									
EB1908685-001	SW01	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	38	44	15.9	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	38	44	15.9	0% - 20%
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QC Lot: 2277634)									
EB1908685-010	SW10	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	1	1	0.00	No Limit
EB1908685-002	SW02	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	2	2	0.00	No Limit
ED045G: Chloride by Discrete Analyser (QC Lot: 2277636)									
EB1908685-002	SW02	ED045G: Chloride	16887-00-6	1	mg/L	10	10	0.00	0% - 50%
ED093F: Dissolved Major Cations (QC Lot: 2278980)									
EB1908527-004	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	14	14	0.00	0% - 50%
		ED093F: Magnesium	7439-95-4	1	mg/L	5	5	0.00	No Limit
		ED093F: Sodium	7440-23-5	1	mg/L	18	18	0.00	0% - 50%
		ED093F: Potassium	7440-09-7	1	mg/L	2	2	0.00	No Limit
EB1908527-001	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	1000	1000	0.290	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	2280	2250	1.17	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	5600	5560	0.589	0% - 20%
		ED093F: Potassium	7440-09-7	1	mg/L	3	3	0.00	No Limit

Sub-Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report					
				LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
ED093F: Dissolved Major Cations (QC Lot: 2278985)									
EB1908685-009	SW09	ED093F: Calcium	7440-70-2	1	mg/L	6	6	0.00	No Limit
		ED093F: Magnesium	7439-95-4	1	mg/L	4	4	0.00	No Limit
		ED093F: Sodium	7440-23-5	1	mg/L	7	7	0.00	No Limit
		ED093F: Potassium	7440-09-7	1	mg/L	2	2	0.00	No Limit
EG020F: Dissolved Metals by ICP-MS (QC Lot: 2278984)									
EB1908675-001	Anonymous	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	0.003	0.003	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit
EB1908685-009	SW09	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	0.002	0.002	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit
EG020T: Total Metals by ICP-MS (QC Lot: 2279120)									
EB1908685-008	SW08	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	0.002	0.001	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	0.024	0.008	95.8	No Limit
EB1908684-001	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	0.004	0.003	0.00	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	0.002	0.005	79.2	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	0.001	0.001	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	0.002	0.002	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	0.014	0.011	19.6	No Limit
EK040P: Fluoride by PC Titrator (QC Lot: 2280950)									
EB1908719-001	Anonymous	EK040P: Fluoride	16984-48-8	0.1	mg/L	0.1	0.1	0.00	No Limit
EB1908685-001	SW01	EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	<0.1	0.00	No Limit
EK055G: Ammonia as N by Discrete Analyser (QC Lot: 2284486)									
EB1908682-001	Anonymous	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	20 µg/L	0.02	0.00	No Limit

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Client sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Recovery Limits (%)*
EK055G: Ammonia as N by Discrete Analyser (QC Lot: 2284486) - continued									
EB1908685-002	SW02	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	0.01	<0.01	0.00	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 2277635)									
EB1908685-002	SW02	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.00	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 2284487)									
EB1908682-001	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<10 µg/L	<0.01	0.00	No Limit
EB1908685-002	SW02	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.04	0.03	0.00	No Limit
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 2283494)									
EB1908685-001	SW01	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.2	0.1	0.00	No Limit
EB1908715-001	Anonymous	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	121	121	0.653	0% - 20%
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 2283493)									
EB1908685-001	SW01	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.08	0.07	0.00	No Limit
EB1908715-001	Anonymous	EK067G: Total Phosphorus as P	----	0.01	mg/L	37.9	37.4	1.50	0% - 20%
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 2277630)									
EB1908651-001	Anonymous	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.01	<0.01	0.00	No Limit
EB1908685-002	SW02	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.09	0.09	0.00	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 2284103)									
EB1908632-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.00	No Limit
EB1908702-005	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.00	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 2284103)									
EB1908632-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.00	No Limit
EB1908702-005	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.00	No Limit
EP080: BTEXN (QC Lot: 2284103)									
EB1908632-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.00	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.00	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.00	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.00	No Limit
EB1908702-005	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.00	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.00	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.00	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.00	No Limit

Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Spike (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **WATER**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Recovery Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EA005P: pH by PC Titrator (QCLot: 2280948)								
EA005-P: pH Value	----	----	pH Unit	----	4 pH Unit	99.8	98	102
				----	7 pH Unit	99.4	98	102
EA010P: Conductivity by PC Titrator (QCLot: 2280947)								
EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	2100 µS/cm	97.5	91	107
				<1	12890 µS/cm	96.3	91	107
ED037P: Alkalinity by PC Titrator (QCLot: 2280949)								
ED037-P: Total Alkalinity as CaCO3	----	----	mg/L	----	200 mg/L	99.0	80	120
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 2277634)								
ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	<1	25 mg/L	103	85	118
				<1	100 mg/L	95.3	85	118
ED045G: Chloride by Discrete Analyser (QCLot: 2277636)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	101	90	115
				<1	1000 mg/L	106	90	115
ED093F: Dissolved Major Cations (QCLot: 2278980)								
ED093F: Calcium	7440-70-2	1	mg/L	<1	----	----	----	----
ED093F: Magnesium	7439-95-4	1	mg/L	<1	----	----	----	----
ED093F: Sodium	7440-23-5	1	mg/L	<1	----	----	----	----
ED093F: Potassium	7440-09-7	1	mg/L	<1	----	----	----	----
ED093F: Dissolved Major Cations (QCLot: 2278985)								
ED093F: Calcium	7440-70-2	1	mg/L	<1	----	----	----	----
ED093F: Magnesium	7439-95-4	1	mg/L	<1	----	----	----	----
ED093F: Sodium	7440-23-5	1	mg/L	<1	----	----	----	----
ED093F: Potassium	7440-09-7	1	mg/L	<1	----	----	----	----
EG020F: Dissolved Metals by ICP-MS (QCLot: 2278984)								
EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	100	88	116
EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	96.2	88	108
EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	97.4	87	113
EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	0.2 mg/L	98.1	88	114
EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	99.7	89	110
EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	94.4	89	113
EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.2 mg/L	97.6	87	113
EG020T: Total Metals by ICP-MS (QCLot: 2279120)								
EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	95.7	88	112

Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Recovery Limits (%)	
				Result	Concentration	LCS	Low	High
EG020T: Total Metals by ICP-MS (QCLot: 2279120) - continued								
EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	94.6	88	111
EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	90.9	89	115
EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	0.2 mg/L	92.7	88	116
EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	91.2	89	112
EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	98.8	88	116
EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	0.2 mg/L	88.3	84	114
EK040P: Fluoride by PC Titrator (QCLot: 2280950)								
EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	5 mg/L	101	80	117
EK055G: Ammonia as N by Discrete Analyser (QCLot: 2284486)								
EK055G: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	86	112
EK057G: Nitrite as N by Discrete Analyser (QCLot: 2277635)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	104	90	110
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 2284487)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	90.3	89	115
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 2283494)								
EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	10 mg/L	90.3	70	108
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 2283493)								
EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	4.42 mg/L	91.5	79	105
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 2277630)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	96.2	88	115
EP080/071: Total Petroleum Hydrocarbons (QCLot: 2284103)								
EP080: C6 - C9 Fraction	----	20	µg/L	<20	160 µg/L	100	67	125
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 2284103)								
EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	185 µg/L	97.6	66	123
EP080: C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	20	µg/L	<20	----	----	----	----
EP080: BTEXN (QCLot: 2284103)								
EP080: Benzene	71-43-2	1	µg/L	<1	10 µg/L	102	73	119
EP080: Toluene	108-88-3	2	µg/L	<2	10 µg/L	99.5	75	119
EP080: Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	98.5	73	118
EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	20 µg/L	103	77	121
EP080: ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	100	76	121
EP080: Total Xylenes	----	2	µg/L	<2	----	----	----	----
EP080: Sum of BTEX	----	1	µg/L	<1	----	----	----	----
EP080: Naphthalene	91-20-3	5	µg/L	<5	10 µg/L	97.3	75	120

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Recovery Limits (%)	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 2277634)							
EB1908685-002	SW02	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	20 mg/L	102	70	130
ED045G: Chloride by Discrete Analyser (QCLot: 2277636)							
EB1908685-002	SW02	ED045G: Chloride	16887-00-6	400 mg/L	113	70	130
EG020F: Dissolved Metals by ICP-MS (QCLot: 2278984)							
EB1908685-001	SW01	EG020A-F: Arsenic	7440-38-2	0.1 mg/L	113	70	130
		EG020A-F: Cadmium	7440-43-9	0.1 mg/L	95.8	70	130
		EG020A-F: Chromium	7440-47-3	0.1 mg/L	96.5	70	130
		EG020A-F: Copper	7440-50-8	0.2 mg/L	95.9	70	130
		EG020A-F: Lead	7439-92-1	0.1 mg/L	111	70	130
		EG020A-F: Nickel	7440-02-0	0.1 mg/L	92.4	70	130
		EG020A-F: Zinc	7440-66-6	0.2 mg/L	115	70	130
EG020T: Total Metals by ICP-MS (QCLot: 2279120)							
EB1908684-002	Anonymous	EG020A-T: Arsenic	7440-38-2	1 mg/L	98.0	70	130
		EG020A-T: Cadmium	7440-43-9	0.5 mg/L	94.4	70	130
		EG020A-T: Chromium	7440-47-3	1 mg/L	94.8	70	130
		EG020A-T: Copper	7440-50-8	1 mg/L	90.4	70	130
		EG020A-T: Lead	7439-92-1	1 mg/L	93.8	70	130
		EG020A-T: Nickel	7440-02-0	1 mg/L	90.7	70	130
		EG020A-T: Zinc	7440-66-6	1 mg/L	82.6	70	130
EK040P: Fluoride by PC Titrator (QCLot: 2280950)							
EB1908685-002	SW02	EK040P: Fluoride	16984-48-8	5 mg/L	90.4	70	130
EK055G: Ammonia as N by Discrete Analyser (QCLot: 2284486)							
EB1908682-002	Anonymous	EK055G: Ammonia as N	7664-41-7	0.4 mg/L	86.7	70	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 2277635)							
EB1908685-002	SW02	EK057G: Nitrite as N	14797-65-0	0.4 mg/L	97.3	70	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 2284487)							
EB1908682-002	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.4 mg/L	93.0	70	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 2283494)							
EB1908685-002	SW02	EK061G: Total Kjeldahl Nitrogen as N	----	5 mg/L	95.0	70	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 2283493)							
EB1908685-002	SW02	EK067G: Total Phosphorus as P	----	1 mg/L	97.7	70	130

Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Recovery Limits (%)	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 2277630)							
EB1908651-002	Anonymous	EK071G: Reactive Phosphorus as P	14265-44-2	0.4 mg/L	109	70	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 2284103)							
EB1908685-011	TRIP BLANK 290126	EP080: C6 - C9 Fraction	----	40 µg/L	93.6	70	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 2284103)							
EB1908685-011	TRIP BLANK 290126	EP080: C6 - C10 Fraction	C6_C10	40 µg/L	92.1	70	130
EP080: BTEXN (QCLot: 2284103)							
EB1908685-011	TRIP BLANK 290126	EP080: Benzene	71-43-2	10 µg/L	102	70	130
		EP080: Toluene	108-88-3	10 µg/L	102	70	130

ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **EB1908685**	Page	: 1 of 9
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 04-Apr-2019
Site	: ----	Issue Date	: 12-Apr-2019
Sampler	: DAN MORTON	No. of samples received	: 11
Order number	: 18006	No. of samples analysed	: 11

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Laboratory Control outliers occur.**
- **NO Matrix Spike outliers occur.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **Analysis Holding Time Outliers exist - please see following pages for full details.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

Outliers : Analysis Holding Time Compliance

Matrix: **WATER**

Method / Container / Client Sample ID(s)	Extraction / Preparation			Analysis		
	Date extracted	Due for extraction	Days overdue	Date analysed	Due for analysis	Days overdue
EA005P: pH by PC Titrator						
Clear Plastic Bottle - Natural						
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	----	----	----	08-Apr-2019	03-Apr-2019	**5**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA005P: pH by PC Titrator							
Clear Plastic Bottle - Natural (EA005-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**08-Apr-2019**	03-Apr-2019	×
EA006: Sodium Adsorption Ratio (SAR)							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	01-May-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA010P: Conductivity by PC Titrator							
Clear Plastic Bottle - Natural (EA010-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**08-Apr-2019**	01-May-2019	✓
EA065: Total Hardness as CaCO3							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	01-May-2019	✓
ED037P: Alkalinity by PC Titrator							
Clear Plastic Bottle - Natural (ED037-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**08-Apr-2019**	17-Apr-2019	✓
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA							
Clear Plastic Bottle - Natural (ED041G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**04-Apr-2019**	01-May-2019	✓
ED045G: Chloride by Discrete Analyser							
Clear Plastic Bottle - Natural (ED045G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**04-Apr-2019**	01-May-2019	✓
ED093F: Dissolved Major Cations							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	01-May-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EG020F: Dissolved Metals by ICP-MS							
Clear Plastic Bottle - Nitric Acid; Filtered (EG020A-F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	30-Sep-2019	✓
EG020T: Total Metals by ICP-MS							
Clear Plastic Bottle - Nitric Acid; Unfiltered (EG020A-T)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**10-Apr-2019**	30-Sep-2019	✓	**10-Apr-2019**	30-Sep-2019	✓
EK040P: Fluoride by PC Titrator							
Clear Plastic Bottle - Natural (EK040P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**08-Apr-2019**	01-May-2019	✓
EK055G: Ammonia as N by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK055G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	01-May-2019	✓
EK057G: Nitrite as N by Discrete Analyser							
Clear Plastic Bottle - Natural (EK057G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**04-Apr-2019**	05-Apr-2019	✓
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK059G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**09-Apr-2019**	01-May-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK061G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**09-Apr-2019**	01-May-2019	✓	**09-Apr-2019**	01-May-2019	✓
EK067G: Total Phosphorus as P by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK067G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**09-Apr-2019**	01-May-2019	✓	**09-Apr-2019**	01-May-2019	✓
EK071G: Reactive Phosphorus as P by discrete analyser							
Clear Plastic Bottle - Natural (EK071G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**04-Apr-2019**	05-Apr-2019	✓
EP080/071: Total Petroleum Hydrocarbons							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIP BLANK 290126	**04-Apr-2019**	**09-Apr-2019**	18-Apr-2019	✓	**09-Apr-2019**	18-Apr-2019	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIP BLANK 290126	**04-Apr-2019**	**09-Apr-2019**	18-Apr-2019	✓	**09-Apr-2019**	18-Apr-2019	✓
EP080: BTEXN							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIP BLANK 290126	**04-Apr-2019**	**09-Apr-2019**	18-Apr-2019	✓	**09-Apr-2019**	18-Apr-2019	✓
MW006: Faecal Coliforms & E.coli by MF							
Sterile Plastic Bottle - Sodium Thiosulfate (MW006)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**03-Apr-2019**	**----**	----	----	**04-Apr-2019**	04-Apr-2019	✓

Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Alkalinity by PC Titrator	ED037-P	1	10	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Ammonia as N by Discrete analyser	EK055G	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	1	10	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	2	10	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Major Cations - Dissolved	ED093F	3	28	**10.71**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	10	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
pH by PC Titrator	EA005-P	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	2	10	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	2	16	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Alkalinity by PC Titrator	ED037-P	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Ammonia as N by Discrete analyser	EK055G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	2	10	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
pH by PC Titrator	EA005-P	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	2	10	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Ammonia as N by Discrete analyser	EK055G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Method Blanks (MB) - Continued							
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Major Cations - Dissolved	ED093F	2	28	**7.14**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Ammonia as N by Discrete analyser	EK055G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	1	10	**10.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
pH by PC Titrator	EA005-P	WATER	In house: Referenced to APHA 4500 H+ B. This procedure determines pH of water samples by automated ISE. This method is compliant with NEPM (2013) Schedule B(3)
Conductivity by PC Titrator	EA010-P	WATER	In house: Referenced to APHA 2510 B. This procedure determines conductivity by automated ISE. This method is compliant with NEPM (2013) Schedule B(3)
Calculated TDS (from Electrical Conductivity)	EA016	WATER	In house: Calculation from Electrical Conductivity (APHA 2510 B) using a conversion factor specified in the analytical report. This method is compliant with NEPM (2013) Schedule B(3)
Alkalinity by PC Titrator	ED037-P	WATER	In house: Referenced to APHA 2320 B This procedure determines alkalinity by automated measurement (e.g. PC Titrate) using pH 4.5 for indicating the total alkalinity end-point. This method is compliant with NEPM (2013) Schedule B(3)
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	WATER	In house: Referenced to APHA 4500-SO4. Dissolved sulfate is determined in a 0.45um filtered sample. Sulfate ions are converted to a barium sulfate suspension in an acetic acid medium with barium chloride. Light absorbance of the BaSO4 suspension is measured by a photometer and the SO4-2 concentration is determined by comparison of the reading with a standard curve. This method is compliant with NEPM (2013) Schedule B(3)
Chloride by Discrete Analyser	ED045G	WATER	In house: Referenced to APHA 4500 Cl - G.The thiocyanate ion is liberated from mercuric thiocyanate through sequestration of mercury by the chloride ion to form non-ionised mercuric chloride.in the presence of ferric ions the librated thiocynate forms highly-coloured ferric thiocynate which is measured at 480 nm APHA 21st edition seal method 2 017-1-L april 2003
Major Cations - Dissolved	ED093F	WATER	In house: Referenced to APHA 3120 and 3125; USEPA SW 846 - 6010 and 6020; Cations are determined by either ICP-AES or ICP-MS techniques. This method is compliant with NEPM (2013) Schedule B(3) Sodium Adsorption Ratio is calculated from Ca, Mg and Na which determined by ALS in house method QWI-EN/ED093F. This method is compliant with NEPM (2013) Schedule B(3) Hardness parameters are calculated based on APHA 2340 B. This method is compliant with NEPM (2013) Schedule B(3)
Dissolved Metals by ICP-MS - Suite A	EG020A-F	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. Samples are 0.45µm filtered prior to analysis. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Total Metals by ICP-MS - Suite A	EG020A-T	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Fluoride by PC Titrator	EK040P	WATER	In house: Referenced to APHA 4500-F C: CDTA is added to the sample to provide a uniform ionic strength background, adjust pH, and break up complexes. Fluoride concentration is determined by either manual or automatic ISE measurement. This method is compliant with NEPM (2013) Schedule B(3)

Analytical Methods	Method	Matrix	Method Descriptions
Ammonia as N by Discrete analyser	EK055G	WATER	In house: Referenced to APHA 4500-NH3 G Ammonia is determined by direct colorimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Nitrite as N by Discrete Analyser	EK057G	WATER	In house: Referenced to APHA 4500-NO2- B. Nitrite is determined by direct colourimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Nitrate as N by Discrete Analyser	EK058G	WATER	In house: Referenced to APHA 4500-NO3- F. Nitrate is reduced to nitrite by way of a chemical reduction followed by quantification by Discrete Analyser. Nitrite is determined seperately by direct colourimetry and result for Nitrate calculated as the difference between the two results. This method is compliant with NEPM (2013) Schedule B(3)
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	WATER	In house: Referenced to APHA 4500-NO3- F. Combined oxidised Nitrogen (NO2+NO3) is determined by Chemical Reduction and direct colourimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	WATER	In house: Referenced to APHA 4500-Norg D (In house). An aliquot of sample is digested using a high temperature Kjeldahl digestion to convert nitrogenous compounds to ammonia. Ammonia is determined colorimetrically by discrete analyser. This method is compliant with NEPM (2013) Schedule B(3)
Total Nitrogen as N (TKN + Nox) By Discrete Analyser	EK062G	WATER	In house: Referenced to APHA 4500-Norg / 4500-NO3-. This method is compliant with NEPM (2013) Schedule B(3)
Total Phosphorus as P By Discrete Analyser	EK067G	WATER	In house: Referenced to APHA 4500-P H, Jirka et al (1976), Zhang et al (2006). This procedure involves sulphuric acid digestion of a sample aliquot to break phosphorus down to orthophosphate. The orthophosphate reacts with ammonium molybdate and antimony potassium tartrate to form a complex which is then reduced and its concentration measured at 880nm using discrete analyser. This method is compliant with NEPM (2013) Schedule B(3)
Reactive Phosphorus as P-By Discrete Analyser	EK071G	WATER	In house: Referenced to APHA 4500-P F Ammonium molybdate and potassium antimonyl tartrate reacts in acid medium with othophosphate to form a heteropoly acid -phosphomolybdic acid - which is reduced to intensely coloured molybdenum blue by ascorbic acid. Quantification is by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Ionic Balance by PCT DA and Turbi SO4 DA	EN055 - PG	WATER	In house: Referenced to APHA 1030F. This method is compliant with NEPM (2013) Schedule B(3)
TRH Volatiles/BTEX	EP080	WATER	In house: Referenced to USEPA SW 846 - 8260B Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. Alternatively, a sample is equilibrated in a headspace vial and a portion of the headspace determined by GCMS analysis. This method is compliant with the QC requirements of NEPM (2013) Schedule B(3)
Thermotolerant Coliforms & E.coli by Membrane Filtration	MW006	WATER	AS 4276.7 2007

Preparation Methods	Method	Matrix	Method Descriptions
TKN/TP Digestion	EK061/EK067	WATER	In house: Referenced to APHA 4500 Norg - D; APHA 4500 P - H. This method is compliant with NEPM (2013) Schedule B(3)
Digestion for Total Recoverable Metals	EN25	WATER	In house: Referenced to USEPA SW846-3005. Method 3005 is a Nitric/Hydrochloric acid digestion procedure used to prepare surface and ground water samples for analysis by ICPAES or ICPMS. This method is compliant with NEPM (2013) Schedule B(3)
Volatiles Water Preparation	ORG16-W	WATER	A 5 mL aliquot or 5 mL of a diluted sample is added to a 40 mL VOC vial for sparging.

Symbio LABORATORIES

QUALITY CONTROL REPORT

Certificate Number	B773224	**Page**	1 of 7
Client	Moreton Environmental Pty Ltd	**Laboratory**	Brisbane
Contact	Dan Moreton	**Address**	52 Brandl Street, Eight Mile Plains, QLD 4113
Address	220 Avalon Rd	**Contact**	Customer Service Team
	Sheldon, QLD 4157	**Email**	admin@symbiolabs.com.au
Telephone		**Telephone**	1300 703 166
Order Number		**Date Samples Received**	05/04/2019
Client Job Reference		**Date Analysis Commenced**	05/04/2019
No of Samples Received	2		
No of Samples Analysed	2	**Issue Date**	11/04/2019

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

1. Method Blank (MB) Report; Limit of Detection and QC Result
2. Method Laboratory Control Sample (LCS) Report; QC Result and Acceptance Criteria
3. Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits

General Comments

The analytical methods used by the Environmental Department have been developed from established internationally recognized methods such as those published by the USEPA, APHA, AS and NEPM. In-house developed analytical methods are employed in the absence of documented standards or by client request.

Where a reported less than (<) result is higher than the LOD, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOD of a reported result differs from standard LOD, this may be due to high moisture content

Abbreviation:

QC Sample = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CRM = Certified Referenced Material; Used to verify in-house LCS
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOD = Limit of detection
RPD = Relative Percentage Difference

Client	Moreton Environmental Pty Ltd
Contact	Dan Moreton
Certificate Number	B773224-R00
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Method Blank Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination.

Method:Compound / QC Sample ID	Analyte	LOD	Units	QC Result
Lab Method: EWI01 (BatchID - 0025857)				
Method Blank - 0025857	Aluminium	0.01	mg/L	<0.01
Method Blank - 0025857	Arsenic	0.05	mg/L	<0.05
Method Blank - 0025857	Beryllium	0.001	mg/L	<0.001
Method Blank - 0025857	Boron	0.05	mg/L	<0.05
Method Blank - 0025857	Cadmium	0.005	mg/L	<0.005
Method Blank - 0025857	Calcium	0.1	mg/L	<0.1
Method Blank - 0025857	Chromium	0.005	mg/L	<0.005
Method Blank - 0025857	Cobalt	0.005	mg/L	<0.005
Method Blank - 0025857	Copper	0.01	mg/L	<0.01
Method Blank - 0025857	Iron	0.01	mg/L	<0.01
Method Blank - 0025857	Lead	0.02	mg/L	<0.02
Method Blank - 0025857	Magnesium	0.05	mg/L	<0.05
Method Blank - 0025857	Manganese	0.01	mg/L	<0.01
Method Blank - 0025857	Molybdenum	0.01	mg/L	<0.01
Method Blank - 0025857	Nickel	0.01	mg/L	<0.01
Method Blank - 0025857	Potassium	0.1	mg/L	<0.1
Method Blank - 0025857	Selenium	0.05	mg/L	<0.05
Method Blank - 0025857	Sodium	1.000	mg/L	<1.000
Method Blank - 0025857	Zinc	0.02	mg/L	<0.02
Lab Method: EWI02 (BatchID - 0025859)				
Method Blank - 0025859	Aluminium	0.01	mg/L	<0.01
Method Blank - 0025859	Arsenic	0.05	mg/L	<0.05
Method Blank - 0025859	Beryllium	0.01	mg/L	<0.01
Method Blank - 0025859	Boron	0.05	mg/L	<0.05

Method Blank Report - Continued

Method:Compound / QC Sample ID	Analyte	LOD	Units	QC Result
Lab Method: EWI02 (BatchID - 0025859) - Continued				
Method Blank - 0025859	Cadmium	0.005	mg/L	<0.005
Method Blank - 0025859	Calcium	0.1	mg/L	<0.1
Method Blank - 0025859	Chromium	0.005	mg/L	<0.005
Method Blank - 0025859	Cobalt	0.005	mg/L	<0.005
Method Blank - 0025859	Copper	0.01	mg/L	<0.01
Method Blank - 0025859	Iron	0.01	mg/L	<0.01
Method Blank - 0025859	Lead	0.02	mg/L	<0.02
Method Blank - 0025859	Magnesium	0.05	mg/L	<0.05
Method Blank - 0025859	Manganese	0.01	mg/L	<0.01
Method Blank - 0025859	Molybdenum	0.005	mg/L	<0.005
Method Blank - 0025859	Nickel	0.01	mg/L	<0.01
Method Blank - 0025859	Potassium	0.2	mg/L	<0.2
Method Blank - 0025859	Selenium	0.05	mg/L	<0.05
Method Blank - 0025859	Sodium	1	mg/L	<1
Method Blank - 0025859	Zinc	0.02	mg/L	<0.02

Client	Moreton Environmental Pty Ltd
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Method Laboratory Control Sample Report

The quality control term Laboratory Control Sample (LCS) refers to a certified reference material (CRM) or a sample with known parameters that have been verified against a CRM. The quality control term Spike (SPK) refers to a known interference free matrix spiked with target analytes. The purpose of these QC parameters is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Method : Compound / QC Sample ID	Analyte	LOD	Units	QC Test Results	Expected Value	QC Recovery	QC Criteria
Lab Method: EWI01 (BatchID - 0025857 - SPK_EBNE00032)							
SPK_EBNE00032	Aluminium	0.01	mg/L	10.3	10	103%	80% - 120%
SPK_EBNE00032	Arsenic	0.05	mg/L	9.9	10	99%	80% - 120%
SPK_EBNE00032	Beryllium	0.001	mg/L	5.0	5	100%	80% - 120%
SPK_EBNE00032	Boron	0.05	mg/L	9.8	10	98%	80% - 120%
SPK_EBNE00032	Cadmium	0.005	mg/L	5.2	5	104%	80% - 120%
SPK_EBNE00032	Calcium	0.1	mg/L	9.8	10	98%	80% - 120%
SPK_EBNE00032	Chromium	0.005	mg/L	5.2	5	104%	80% - 120%
SPK_EBNE00032	Cobalt	0.005	mg/L	5.1	5	101%	80% - 120%
SPK_EBNE00032	Copper	0.01	mg/L	10.2	10	101%	80% - 120%
SPK_EBNE00032	Iron	0.01	mg/L	10.1	10	101%	80% - 120%
SPK_EBNE00032	Lead	0.02	mg/L	10.4	10	104%	80% - 120%
SPK_EBNE00032	Magnesium	0.05	mg/L	10.0	10	100%	80% - 120%
SPK_EBNE00032	Manganese	0.01	mg/L	4.8	5	96%	80% - 120%
SPK_EBNE00032	Molybdenum	0.01	mg/L	9.9	10	99%	80% - 120%
SPK_EBNE00032	Nickel	0.01	mg/L	9.7	10	96%	80% - 120%
SPK_EBNE00032	Potassium	0.1	mg/L	19.1	20	95%	80% - 120%
SPK_EBNE00032	Selenium	0.05	mg/L	20.5	20	102%	80% - 120%
SPK_EBNE00032	Sodium	1.000	mg/L	16.5	16.1	102%	80% - 120%
SPK_EBNE00032	Zinc	0.02	mg/L	5.0	5	100%	80% - 120%
Lab Method: EWI02 (BatchID - 0025859 - SPK_EBNE00033)							
SPK_EBNE00033	Aluminium	0.01	mg/L	10.1	10	101%	80% - 120%
SPK_EBNE00033	Arsenic	0.05	mg/L	10	10	100%	80% - 120%
SPK_EBNE00033	Beryllium	0.01	mg/L	5.0	5	100%	80% - 120%
SPK_EBNE00033	Boron	0.05	mg/L	9.9	10	99%	80% - 120%

Client	Moreton Environmental Pty Ltd
Contact	Dan Moreton
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Method Laboratory Control Sample Report - Continued

Method:Compound / QC Sample ID	Analyte	LOD	Units	QC Test Result	Expected Value	QC Recovery	QC Criteria
Lab Method: EWI02 (BatchID - 0025859 - SPK_EBNE00033) - Continued							
SPK_EBNE00033	Cadmium	0.005	mg/L	5.1	5	101%	80% - 120%
SPK_EBNE00033	Calcium	0.1	mg/L	9.8	10	98%	80% - 120%
SPK_EBNE00033	Chromium	0.005	mg/L	5.1	5	101%	80% - 120%
SPK_EBNE00033	Cobalt	0.005	mg/L	5.1	5	101%	80% - 120%
SPK_EBNE00033	Copper	0.01	mg/L	10.2	10	101%	80% - 120%
SPK_EBNE00033	Iron	0.01	mg/L	10.3	10	103%	80% - 120%
SPK_EBNE00033	Lead	0.02	mg/L	10.2	10	101%	80% - 120%
SPK_EBNE00033	Magnesium	0.05	mg/L	10.1	10	101%	80% - 120%
SPK_EBNE00033	Manganese	0.01	mg/L	4.9	5	98%	80% - 120%
SPK_EBNE00033	Molybdenum	0.005	mg/L	10.1	10	101%	80% - 120%
SPK_EBNE00033	Nickel	0.01	mg/L	9.7	10	96%	80% - 120%
SPK_EBNE00033	Potassium	0.2	mg/L	18.7	20	93%	80% - 120%
SPK_EBNE00033	Selenium	0.05	mg/L	20.6	20	103%	80% - 120%
SPK_EBNE00033	Sodium	1	mg/L	16.5	16.1	102%	80% - 120%
SPK_EBNE00033	Zinc	0.02	mg/L	5.0	5	100%	80% - 120%

Client	Moreton Environmental Pty Ltd
Contact	Dan Moreton
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Laboratory Duplicate Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in the relavant technical method manuals and are dependent on the magnitude of results in comparison to the level of reporting.

Method : Compound / QC Sample ID	Analyte	LOD	Units	Original Result	Dup Result	RPD	RPD Acceptance Criteria
Lab Method: EWI01 (BatchID - 0025857)							
Laboratory Duplicate Sample - 0025857	Arsenic	0.05	mg/L	<0.05	<0.05	-	N/A
Laboratory Duplicate Sample - 0025857	Cadmium	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025857	Chromium	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025857	Copper	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025857	Iron	0.01	mg/L	19.6	17.1	13.6%	<30%
Laboratory Duplicate Sample - 0025857	Lead	0.02	mg/L	<0.02	<0.02	-	N/A
Laboratory Duplicate Sample - 0025857	Nickel	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025857	Zinc	0.02	mg/L	<0.02	<0.02	-	N/A
Lab Method: EWI02 (BatchID - 0025859)							
Laboratory Duplicate Sample - 0025859	Aluminium	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025859	Arsenic	0.05	mg/L	<0.05	<0.05	-	N/A
Laboratory Duplicate Sample - 0025859	Beryllium	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025859	Boron	0.05	mg/L	<0.05	<0.05	-	N/A
Laboratory Duplicate Sample - 0025859	Cadmium	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025859	Calcium	0.1	mg/L	14.9	14.7	1.4%	<30%
Laboratory Duplicate Sample - 0025859	Chromium	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025859	Cobalt	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025859	Copper	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025859	Iron	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025859	Lead	0.02	mg/L	<0.02	<0.02	-	N/A
Laboratory Duplicate Sample - 0025859	Magnesium	0.05	mg/L	6.7	6.6	1.5%	<30%
Laboratory Duplicate Sample - 0025859	Manganese	0.01	mg/L	<0.01	<0.01	-	N/A
Laboratory Duplicate Sample - 0025859	Molybdenum	0.005	mg/L	<0.005	<0.005	-	N/A
Laboratory Duplicate Sample - 0025859	Nickel	0.01	mg/L	<0.01	<0.01	-	N/A

Client	Moreton Environmental Pty Ltd
Contact	Dan Moreton
Certificate Number	B773224-R00
Page	7 of 7

Laboratory Duplicate Report - Continued

Method:Compound / QC Sample ID	Analyte	LOD	Units	Original Result	DUP Result	RPD	RPD Acceptance Criteria
Lab Method: EWI02 (BatchID - 0025859) - Continued							
Laboratory Duplicate Sample - 0025859	Potassium	0.2	mg/L	2.6	2.5	3.9%	<30%
Laboratory Duplicate Sample - 0025859	Selenium	0.05	mg/L	<0.05	<0.05	-	N/A
Laboratory Duplicate Sample - 0025859	Sodium	1	mg/L	17.4	17.1	1.7%	<30%
Laboratory Duplicate Sample - 0025859	Zinc	0.02	mg/L	<0.02	<0.02	-	N/A

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.: B773224 Page 1 of 3 **REVISION NO:** 00
ISSUE DATE: 11/04/19 This certificate supersedes any previous revisions

CLIENT DETAILS: Dan Moreton
Moreton Environmental Pty Ltd
220 Avalon Rd
Sheldon QLD 4157

DATE RECEIVED: 05/04/2019
CLIENT REF. NO:
ORDER NO:

JOB INFORMATION: Water - 18006
RECEIVE CONDITION: 5.3 ℃
STORAGE CONDITION: 4 ℃
TEST DATE: Sample tested between date received and reported

RESULTS OF ANALYSIS:

Test	Method Code	LOR	Unit	B773224-1 DUP01 03/04/2019	B773224-2 DUP02 03/04/2019
Inorganic - Metals					
Arsenic (Dissolved)	EWI01	0.05	mg/L	<0.05	<0.05
Arsenic (Total)	EWI02	0.05	mg/L	<0.05	<0.05
Cadmium (Dissolved)	EWI01	0.01	mg/L	<0.010	<0.010
Cadmium (Total)	EWI02	0.01	mg/L	<0.010	<0.010
Chromium (Dissolved)	EWI01	0.01	mg/L	<0.010	<0.010
Chromium (Total)	EWI02	0.01	mg/L	<0.010	<0.010
Copper (Total)	EWI02	0.01	mg/L	<0.01	<0.01
Copper (Dissolved)	EWI01	0.01	mg/L	<0.01	<0.01
Nickel (Dissolved)	EWI01	0.01	mg/L	<0.01	<0.01
Nickel (Total)	EWI02	0.01	mg/L	<0.01	<0.01
Lead (Dissolved)	EWI01	0.02	mg/L	<0.02	<0.02
Lead (Total)	EWI02	0.02	mg/L	<0.02	<0.02
Zinc (Dissolved)	EWI01	0.02	mg/L	<0.02	<0.02

Symbio Laboratories Pty Ltd
ABN 82 079 645 015
▪ Tel: 1300 703 166 ▪ Fax: +61 7 3219 0333
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▪ Townsville: 17 Hamill Street, Garbutt QLD 4814
▪ Melbourne: Unit 36, 640-680 Geelong Rd, Brooklyn VIC 3025
▪ Sydney: 2 Sirius Rd, Lane Cove West NSW 2066
▪ Wagga Wagga: Unit 5, 10-12 Kooringal Rd, Wagga Wagga NSW 2650
▪ Perth: 2/20 Milford Street, East Victoria Park WA 6101

Test	Method Code	LOR	Unit	B773224-1 DUP01 03/04/2019	B773224-2 DUP02 03/04/2019
Zinc (Total)	EWI02	0.02	mg/L	<0.02	<0.02

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accredited for compliance with ISO/IEC 17025 – Testing.
NATA Corporate Accreditation No.: 2455

Symbio Laboratories Pty Ltd
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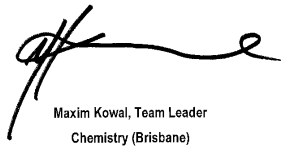
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▪ Perth: 2/20 Milford Street, East Victoria Park WA 6101

DEFINITIONS: < : Less than, > : Greater than, [NT] : Not Tested, DWB : Dry Weight Basis, NA: not applicable, RP: Result Pending, - : Not received / requested / tested, ~ : Estimated, TBA: - to be advised, Δ: reference only holding time exceeded

* Test not covered by NATA scope of accreditation

: The result is derived from a calculation and includes results equal to, or greater than the LOR. Where applicable, results are calculated as sum of reportable isomers.

Results were reported on an "as received" basis unless otherwise indicated.
Sampling was conducted by the customer and results reported pertain only to the samples submitted.
Responsibility for representative sampling rests with the customer.



Maxim Kowal, Team Leader
Chemistry (Brisbane)

NATA

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accredited for compliance with ISO/IEC 17025 – Testing.
NATA Corporate Accreditation No.: 2455

Symbio Laboratories Pty Ltd
ABN 82 079 645 015
▪ Tel: 1300 703 166 ▪ Fax: +61 7 3219 0333

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▪ Perth: 2/20 Milford Street, East Victoria Park WA 6101

CHAIN OF CUSTODY

ALS Laboratory: please tick →

☐ Sydney: 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E:samples.sydney@alsenviro.com
☐ Newcastle: 5 Rosegum Rd, Warabrook NSW 2304 Ph:02 4968 9433 E:samples.newcastle@alsenviro.com
☐ Brisbane: 32 Shand St, Stafford QLD 4053 Ph:07 3243 7222 E:samples.brisbane@alsenviro.com
☐ Townsville: 14-15 Desma Ct, Bohle QLD 4818 Ph:07 4796 0600 E: townsville.environmental@alsenviro.com
☐ Melbourne: 2-4 Westall Rd, Springvale VIC 3171 Ph:03 8549 9600 E: samples.melbourne@alsenviro.com
☐ Adelaide: 2-1 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E:adelaide@alsenviro.com
☐ Perth: 10 Hod Way, Malaga WA 6090 Ph: 08 9209 7655 E: samples.perth@alsenviro.com
☐ Launceston: 27 Wellington St, Launceston TAS 7250 Ph: 03 6331 2158 E: launceston@alsenviro.com

CLIENT:	Moreton Environmental	**TURNAROUND REQUIREMENTS :** (Standard TAT may be longer for some tests e.g. Ultra Trace Organics)	☐ Standard TAT (List due date): ☐ Non Standard or urgent TAT (List due date):
OFFICE:	Sheldon	**ALS QUOTE NO.:**	
PROJECT:	18006_Scenic Rim Trail	**COC SEQUENCE NUMBER (Circle)** COC: 1 2 3 4 5 6 7	FOR LABORATORY USE ONLY (Circle) Custody Seal Intact: Yes No N/A
ORDER NUMBER:	18006	SOF: 1 2 3 4 5 6 7	Free ice / frozen ice bricks present upon receipt: Yes No N/A
PROJECT MANAGER:	Dan Morton	**CONTACT PH:**	Random Sample Temperature on Receipt: °C
SAMPLER:	Dan Morton	**SAMPLER MOBILE: 0400 823 993**	Other comments:
COC emailed to ALS? (YES / NO)		**EDD FORMAT (or default):**	

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
DATE/TIME: 10/4/19	DATE/TIME: 10/04/19 1748	DATE/TIME:	DATE/TIME:

Email Reports to (will default to PM if no other addresses are listed): dan@moretonenvironmental.com.au

Email Invoice to (will default to PM if no other addresses are listed): dan@moretonenvironmental.com.au

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

ALS USE ONLY	SAMPLE DETAILS (MATRIX: Solid(S) Water(W))			CONTAINER INFORMATION		ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).								Additional Information
LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE *(refer to codes below)*	TOTAL BOTTLES	pH plus EC EA009, 010	MW006 (Ec) E.coli by Membrane Filtration	W-017 7 metals (Total & Dissolved)	Extended Water Suite B NT - 14					Comments on likely contaminant levels, dilutions, or samples requiring specific QC analysis etc.
1	SW01	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
2	SW02	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
3	SW03	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
4	SW04	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
5	SW05	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
6	SW06	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
7	SW07	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
8	SW08	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
9	SW09	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
10	SW10	10/4/19	Water	None, Samples kept at 4°C	4	1	1	1	1					
11	DUP01	10/4/19	Water	None, Samples kept at 4°C	2			1						
~~12~~	DUP02	10/4/19	Water	None, Samples kept at 4°C	2			1						
				TOTAL	44	10	10	12	10	0	0	0	0	

Environmental Division
Brisbane
Work Order Reference
EB1909312

Telephone : +61-7-3243 7222

Send to Symbio Labs

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP - Airfreight Unpreserved Plastic; V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserved Glass; Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag.

CHAIN OF CUSTODY

Environmental Division Brisbane
Work Order Reference
EB1909312

Telephone : + 61-7-3243 7222

CLIENT: GHD	TURNAROUND REQUIREMENTS : (Standard TAT may be longer for some tests e.g.. Ultra Trace Organics)	✓ Standard TAT (List due date):	FOR LABORATORY USE ONLY (Circl
OFFICE: Brisbane		☐ Non Standard or urgent TAT (List due date):	Custody Seal Intact?
PROJECT: ICC Landfill Monitoring Briggs Rd	ALS QUOTE NO.: BN/167/18	COC SEQUENCE NUMBER (Circle)	Free ice / frozen ice bricks present upon recei
PURCHASE ORDER NO.: 41/31044	COUNTRY OF ORIGIN: Australia	COC: 1 2 3 4 5 6 7	Random Sample Temperature on Receipt:
PROJECT MANAGER: Imogen Bird	CONTACT PH: 0415 996 433	OF: 1 2 3 4 5 6 7	Other comment:
SAMPLER: Andrew Dziedzic	SAMPLER MOBILE: 0432549770	RELINQUISHED BY: Andrew Dziedzic	RECEIVED BY:
COC Emailed to ALS? (YES / NO)	EDD FORMAT (or default): ESDAT	DATE/TIME: 11/4/19, 1600	DATE/TIME:
Email Reports to (will default to PM if no other addresses are listed):			
Email Invoice to (will default to PM if no other addresses are listed):			

RELINQUISHED BY:	RELINQUISHED BY:	
DATE/TIME:	DATE/TIME:	DATE/TIME:

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL: Times + Kms : 1230 - 1600, 98 Kms

ALS USE ONLY	SAMPLE DETAILS MATRIX: Solid(S) Water(W)			CONTAINER INFORMATION		ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite price) Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (field filtered bottle required).								Field Analysis						
LAB ID	SAMPLE ID	DATE / TIME	MATRIX	TYPE & PRESERVATIVE (refer to codes below)	TOTAL BOTTLES	NT-1	NT-2	NT-8	W-2	EP005 (TOC)	EP026SP (COD)	EP026 (COD)	EP030 (BOD)	pH	Temperature (°C)	Electrical Conductivity (µS/cm)	Dissolved Oxygen (mg/L)			
1	MW7	11/04/2019 1425	W	1 x 250mL Green 1 x 250mL Green BOD 1 x 60mL Purple 1 x 40mL TOC 1 x 60mL Red (Filtered)	5	✓	✓	✓	✓	✓	✓		✓							
2																				
3																				
4																				
5																				
6																				
				TOTAL																

Water Container Codes: P = Unpreserved Plastic; N = Nitric Preserved Plastic; ORC = Nitric Preserved ORC; SH = Sodium Hydroxide/Cd Preserved; S = Sodium Hydroxide Preserved Plastic; AG = Amber Glass Unpreserved; AP - Airfreight Unpreserved Plastic
V = VOA Vial HCl Preserved; VB = VOA Vial Sodium Bisulphate Preserved; VS = VOA Vial Sulfuric Preserved; AV = Airfreight Unpreserved Vial SG = Sulfuric Preserved Amber Glass; H = HCl preserved Plastic; HS = HCl preserved Speciation bottle; SP = Sulfuric Preserved Plastic; F = Formaldehyde Preserve
Z = Zinc Acetate Preserved Bottle; E = EDTA Preserved Bottles; ST = Sterile Bottle; ASS = Plastic Bag for Acid Sulphate Soils; B = Unpreserved Bag; LI = Lugols Iodine Preserved Bottles; STT = Sterile Sodium Thiosulfate Preserved Bottles.

ALS Environmental

CERTIFICATE OF ANALYSIS

Work Order	: **EB1909312**	Page	: 1 of 8
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Contact	: Customer Services EB
Address	: 220 AVALON ROAD SHELDON QLD, AUSTRALIA 4157	Address	: 2 Byth Street Stafford QLD Australia 4053
Telephone	: ----	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 10-Apr-2019 17:48
Order number	: 18006	Date Analysis Commenced	: 10-Apr-2019
C-O-C number	: ----	Issue Date	: 17-Apr-2019 12:52
Sampler	: DAN MORTON		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 12		
No. of samples analysed	: 12		

Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Kim McCabe	Senior Inorganic Chemist	Brisbane Inorganics, Stafford, QLD
Nibi Karl	Microbiologist	Brisbane Microbiological, Stafford, QLD
Santusha Pandra	Organic Chemist	Brisbane Organics, Stafford, QLD

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- MF = membrane filtration
- CFU = colony forming unit
- Microbiological Comment: In accordance with ALS work instruction QWI-MIC/04, membrane filtration result is reported an approximate (~) when the count of colonies on the filtered membrane is outside the range of 10 - 100cfu.
- It is recognised that EG020T (Total Metals) is less than EG020F (Dissolved Metals) for some samples. However, the difference is within experimental variation of the methods.
- MW006 is ALS's internal code and is equivalent to AS4276.7.
- EA016: Calculated TDS is determined from Electrical conductivity using a conversion factor of 0.65.
- Sodium Adsorption Ratio (where reported): Where results for Na, Ca or Mg are <LOR, a concentration at half the reported LOR is incorporated into the SAR calculation. This represents a conservative approach for Na relative to the assumption that <LOR = zero concentration and a conservative approach for Ca & Mg relative to the assumption that <LOR is equivalent to the LOR concentration.

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Client sample ID	SW01	SW02	SW03	SW04	SW05
			Client sampling date / time	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00
Compound	CAS Number	LOR	Unit	EB1909312-001	EB1909312-002	EB1909312-003	EB1909312-004	EB1909312-005
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	7.62	7.25	7.55	7.64	7.53
EA006: Sodium Adsorption Ratio (SAR)								
^ Sodium Adsorption Ratio	----	0.01	-	0.68	0.71	0.57	0.60	0.64
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	111	108	113	105	120
EA016: Calculated TDS (from Electrical Conductivity)								
Total Dissolved Solids (Calc.)	----	1	mg/L	72	70	73	68	78
EA065: Total Hardness as CaCO3								
Total Hardness as CaCO3	----	1	mg/L	33	30	37	33	37
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	41	36	44	42	42
Total Alkalinity as CaCO3	----	1	mg/L	41	36	44	42	42
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	1	3	1	1	1
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	10	10	9	9	11
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	5	4	5	5	5
Magnesium	7439-95-4	1	mg/L	5	5	6	5	6
Sodium	7440-23-5	1	mg/L	9	9	8	8	9
Potassium	7440-09-7	1	mg/L	2	2	2	2	2
EG020F: Dissolved Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	0.002	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
EG020T: Total Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	SW01	SW02	SW03	SW04	SW05
				Client sampling date / time	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00
Compound	CAS Number	LOR	Unit		EB1909312-001	EB1909312-002	EB1909312-003	EB1909312-004	EB1909312-005
					Result	Result	Result	Result	Result
EG020T: Total Metals by ICP-MS - Continued									
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L		**0.002**	<0.001	<0.001	**0.001**	<0.001
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L		<0.005	<0.005	<0.005	<0.005	<0.005
EK040P: Fluoride by PC Titrator									
Fluoride	16984-48-8	0.1	mg/L		<0.1	<0.1	<0.1	<0.1	<0.1
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L		**0.04**	**0.06**	**0.04**	**0.04**	**0.05**
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		**0.29**	**0.51**	**0.04**	**0.08**	**1.02**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.29**	**0.51**	**0.04**	**0.08**	**1.02**
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**0.2**	**0.5**	**0.1**	**0.2**	**0.4**
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		**0.5**	**1.0**	**0.1**	**0.3**	**1.4**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.07**	**0.09**	**0.07**	**0.08**	**0.08**
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L		**0.07**	**0.07**	**0.07**	**0.07**	**0.07**
EN055: Ionic Balance									
Total Anions	----	0.01	meq/L		**1.12**	**1.06**	**1.15**	**1.11**	**1.17**
Total Cations	----	0.01	meq/L		**1.10**	**1.05**	**1.14**	**1.06**	**1.18**
EP025: Oxygen - Dissolved (DO)									
Dissolved Oxygen	----	0.1	mg/L		**9.6**	**9.3**	**9.1**	**9.6**	**9.4**
Dissolved Oxygen - % Saturation	----	0.1	% saturation		**105**	**102**	**99.0**	**105**	**103**
MW006: Faecal Coliforms & E.coli by MF									
Escherichia coli	----	1	CFU/100mL		**10**	**~3**	<1	**14**	<1

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Client sample ID	SW06	SW07	SW08	SW09	SW10
			Client sampling date / time	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00
Compound	CAS Number	LOR	Unit	EB1909312-006	EB1909312-007	EB1909312-008	EB1909312-009	EB1909312-010
				Result	Result	Result	Result	Result
EA005P: pH by PC Titrator								
pH Value	----	0.01	pH Unit	7.60	7.34	6.85	7.59	7.45
EA006: Sodium Adsorption Ratio (SAR)								
^ Sodium Adsorption Ratio	----	0.01	-	0.57	0.80	0.80	0.63	0.63
EA010P: Conductivity by PC Titrator								
Electrical Conductivity @ 25°C	----	1	µS/cm	118	95	94	103	95
EA016: Calculated TDS (from Electrical Conductivity)								
Total Dissolved Solids (Calc.)	----	1	mg/L	77	62	61	67	62
EA065: Total Hardness as CaCO3								
Total Hardness as CaCO3	----	1	mg/L	37	24	24	30	30
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	50	33	27	38	36
Total Alkalinity as CaCO3	----	1	mg/L	50	33	27	38	36
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA								
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	1	1	12	2	1
ED045G: Chloride by Discrete Analyser								
Chloride	16887-00-6	1	mg/L	10	11	11	9	9
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	5	3	3	4	4
Magnesium	7439-95-4	1	mg/L	6	4	4	5	5
Sodium	7440-23-5	1	mg/L	8	9	9	8	8
Potassium	7440-09-7	1	mg/L	2	1	1	2	2
EG020F: Dissolved Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.001
Copper	7440-50-8	0.001	mg/L	0.001	<0.001	<0.001	<0.001	0.002
Nickel	7440-02-0	0.001	mg/L	0.001	<0.001	<0.001	<0.001	0.006
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	0.005
EG020T: Total Metals by ICP-MS								
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Client sample ID	SW06	SW07	SW08	SW09	SW10
			Client sampling date / time	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00	10-Apr-2019 00:00
Compound	CAS Number	LOR	Unit	EB1909312-006	EB1909312-007	EB1909312-008	EB1909312-009	EB1909312-010
				Result	Result	Result	Result	Result
EG020T: Total Metals by ICP-MS - Continued								
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	**0.003**
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	**0.005**
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
EK040P: Fluoride by PC Titrator								
Fluoride	16984-48-8	0.1	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1
EK055G: Ammonia as N by Discrete Analyser								
Ammonia as N	7664-41-7	0.01	mg/L	**0.05**	**0.04**	**0.18**	**0.09**	**0.07**
EK057G: Nitrite as N by Discrete Analyser								
Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
EK058G: Nitrate as N by Discrete Analyser								
Nitrate as N	14797-55-8	0.01	mg/L	**0.05**	**0.04**	**0.56**	**0.17**	**0.10**
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	**0.05**	**0.04**	**0.56**	**0.17**	**0.10**
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**0.2**	**0.2**	**0.5**	**0.3**	**1.9**
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser								
^ Total Nitrogen as N	----	0.1	mg/L	**0.2**	**0.2**	**1.1**	**0.5**	**2.0**
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.17**	**0.10**	**0.17**	**0.07**	**0.50**
EK071G: Reactive Phosphorus as P by discrete analyser								
Reactive Phosphorus as P	14265-44-2	0.01	mg/L	**0.07**	**0.08**	**0.08**	**0.06**	**0.07**
EN055: Ionic Balance								
Total Anions	----	0.01	meq/L	**1.30**	**0.99**	**1.10**	**1.05**	**0.99**
Total Cations	----	0.01	meq/L	**1.14**	**0.90**	**0.90**	**1.01**	**1.01**
EP025: Oxygen - Dissolved (DO)								
Dissolved Oxygen	----	0.1	mg/L	**9.5**	**9.6**	**9.7**	**9.6**	**9.6**
Dissolved Oxygen - % Saturation	----	0.1	% saturation	**105**	**105**	**107**	**107**	**104**
MW006: Faecal Coliforms & E.coli by MF								
Escherichia coli	----	1	CFU/100mL	<1	**~3**	**~6**	**~6**	**12**

Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	DUP01	TRIPBLANK	----	----	----
				Client sampling date / time	10-Apr-2019 00:00	10-Apr-2019 00:00	----	----	----
Compound	CAS Number	LOR	Unit		EB1909312-011	EB1909312-012	--------	--------	--------
					Result	Result	----	----	----
EG020F: Dissolved Metals by ICP-MS									
Arsenic	7440-38-2	0.001	mg/L		<0.001	----	----	----	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	----	----	----	----
Chromium	7440-47-3	0.001	mg/L		<0.001	----	----	----	----
Copper	7440-50-8	0.001	mg/L		<0.001	----	----	----	----
Nickel	7440-02-0	0.001	mg/L		<0.001	----	----	----	----
Lead	7439-92-1	0.001	mg/L		<0.001	----	----	----	----
Zinc	7440-66-6	0.005	mg/L		<0.005	----	----	----	----
EG020T: Total Metals by ICP-MS									
Arsenic	7440-38-2	0.001	mg/L		<0.001	----	----	----	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	----	----	----	----
Chromium	7440-47-3	0.001	mg/L		<0.001	----	----	----	----
Copper	7440-50-8	0.001	mg/L		<0.001	----	----	----	----
Nickel	7440-02-0	0.001	mg/L		<0.001	----	----	----	----
Lead	7439-92-1	0.001	mg/L		<0.001	----	----	----	----
Zinc	7440-66-6	0.005	mg/L		<0.005	----	----	----	----
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	20	µg/L		----	<20	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	20	µg/L		----	<20	----	----	----
^ **C6 - C10 Fraction minus BTEX (F1)**	C6_C10-BTEX	20	µg/L		----	<20	----	----	----
EP080: BTEXN									
Benzene	71-43-2	1	µg/L		----	<1	----	----	----
Toluene	108-88-3	2	µg/L		----	<2	----	----	----
Ethylbenzene	100-41-4	2	µg/L		----	<2	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L		----	<2	----	----	----
ortho-Xylene	95-47-6	2	µg/L		----	<2	----	----	----
^ **Total Xylenes**	----	2	µg/L		----	<2	----	----	----
^ **Sum of BTEX**	----	1	µg/L		----	<1	----	----	----
Naphthalene	91-20-3	5	µg/L		----	<5	----	----	----
EP080S: TPH(V)/BTEX Surrogates									
1.2-Dichloroethane-D4	17060-07-0	2	%		----	**94.4**	----	----	----
Toluene-D8	2037-26-5	2	%		----	**102**	----	----	----
4-Bromofluorobenzene	460-00-4	2	%		----	**109**	----	----	----

Surrogate Control Limits

Sub-Matrix: **WATER**

Compound	CAS Number	Recovery Limits (%) Low	High
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	66	138
Toluene-D8	2037-26-5	79	120
4-Bromofluorobenzene	460-00-4	74	118

ALS Environmental

QUALITY CONTROL REPORT

Work Order	: **EB1909312**	Page	: 1 of 9
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Contact	: Customer Services EB
Address	: 220 AVALON ROAD SHELDON QLD, AUSTRALIA 4157	Address	: 2 Byth Street Stafford QLD Australia 4053
Telephone	: ----	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 10-Apr-2019
Order number	: 18006	Date Analysis Commenced	: 10-Apr-2019
C-O-C number	: ----	Issue Date	: 17-Apr-2019
Sampler	: DAN MORTON		
Site	: ----		
Quote number	: EN/222		
No. of samples received	: 12		
No. of samples analysed	: 12		

ilac-MRA NATA
Accreditation No. 825
Accredited for compliance with ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Kim McCabe	Senior Inorganic Chemist	Brisbane Inorganics, Stafford, QLD
Nibi Karl	Microbiologist	Brisbane Microbiological, Stafford, QLD
Santusha Pandra	Organic Chemist	Brisbane Organics, Stafford, QLD

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
# = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Client sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Recovery Limits (%)*
EA005P: pH by PC Titrator (QC Lot: 2290272)									
EB1909296-001	Anonymous	EA005-P: pH Value	----	0.01	pH Unit	6.38	6.41	0.469	0% - 20%
EB1909306-003	Anonymous	EA005-P: pH Value	----	0.01	pH Unit	4.55	4.54	0.220	0% - 20%
EA005P: pH by PC Titrator (QC Lot: 2290277)									
EB1909312-009	SW09	EA005-P: pH Value	----	0.01	pH Unit	7.59	7.64	0.656	0% - 20%
EB1909328-003	Anonymous	EA005-P: pH Value	----	0.01	pH Unit	5.81	5.73	1.39	0% - 20%
EA010P: Conductivity by PC Titrator (QC Lot: 2290273)									
EB1909296-001	Anonymous	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	138	137	0.794	0% - 20%
EB1909306-003	Anonymous	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	4830	4820	0.212	0% - 20%
EA010P: Conductivity by PC Titrator (QC Lot: 2290278)									
EB1909312-009	SW09	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	103	102	0.00	0% - 20%
EB1909328-003	Anonymous	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	<1	0.00	No Limit
ED037P: Alkalinity by PC Titrator (QC Lot: 2290275)									
EB1909309-003	Anonymous	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	29	26	10.0	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	29	26	10.0	0% - 20%
EB1909312-009	SW09	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	38	38	0.00	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	38	38	0.00	0% - 20%
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QC Lot: 2291195)									
EB1909296-001	Anonymous	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	4	4	0.00	No Limit
EB1909312-009	SW09	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	2	2	0.00	No Limit
ED045G: Chloride by Discrete Analyser (QC Lot: 2291196)									

Sub-Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report					
				LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
ED045G: Chloride by Discrete Analyser (QC Lot: 2291196) - continued									
EB1909296-001	Anonymous	ED045G: Chloride	16887-00-6	1	mg/L	26	28	6.86	0% - 20%
EB1909312-009	SW09	ED045G: Chloride	16887-00-6	1	mg/L	9	9	0.00	No Limit
ED093F: Dissolved Major Cations (QC Lot: 2290031)									
EB1909312-002	SW02	ED093F: Calcium	7440-70-2	1	mg/L	4	4	0.00	No Limit
		ED093F: Magnesium	7439-95-4	1	mg/L	5	5	0.00	No Limit
		ED093F: Sodium	7440-23-5	1	mg/L	9	9	0.00	No Limit
		ED093F: Potassium	7440-09-7	1	mg/L	2	2	0.00	No Limit
EB1909314-002	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	312	313	0.00	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	69	69	0.00	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	106	106	0.00	0% - 20%
		ED093F: Potassium	7440-09-7	1	mg/L	<1	<1	0.00	No Limit
EG020F: Dissolved Metals by ICP-MS (QC Lot: 2290029)									
EB1909215-001	Anonymous	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	0.002	0.002	0.00	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	0.002	0.002	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	0.001	0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	0.029	0.028	0.00	No Limit
EB1909312-002	SW02	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Nickel	7440-02-0	0.001	mg/L	0.002	<0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit
EG020T: Total Metals by ICP-MS (QC Lot: 2290141)									
EB1909306-005	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	0.002	0.002	0.00	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	0.103	0.117	12.7	0% - 20%
		EG020A-T: Copper	7440-50-8	0.001	mg/L	0.002	0.003	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	0.003	0.003	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	0.065	0.073	12.3	0% - 20%
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	0.081	0.082	1.40	0% - 50%
EB1909308-001	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	0.0025	0.0025	0.00	0% - 20%
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	0.027	0.029	8.16	0% - 20%
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	0.006	0.007	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	137	137	0.253	0% - 20%
		EG020A-T: Lead	7439-92-1	0.001	mg/L	0.001	0.002	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	5.44	5.48	0.724	0% - 20%

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Client sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Recovery Limits (%)*
EG020T: Total Metals by ICP-MS (QC Lot: 2290141) - continued									
EB1909308-001	Anonymous	EG020A-T: Zinc	7440-66-6	0.005	mg/L	4.61	4.62	0.321	0% - 20%
EG020T: Total Metals by ICP-MS (QC Lot: 2290142)									
EB1909312-006	SW06	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit
EB1909318-008	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.1 µg/L	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<1 µg/L	<0.001	0.00	No Limit
		EG020A-T: Chromium	7440-47-3	0.001	mg/L	<1 µg/L	<0.001	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<1 µg/L	<0.001	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<1 µg/L	<0.001	0.00	No Limit
		EG020A-T: Nickel	7440-02-0	0.001	mg/L	7 µg/L	0.007	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	7 µg/L	0.006	0.00	No Limit
EK040P: Fluoride by PC Titrator (QC Lot: 2290276)									
EB1909309-003	Anonymous	EK040P: Fluoride	16984-48-8	0.1	mg/L	0.2	0.2	0.00	No Limit
EB1909312-009	SW09	EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	<0.1	0.00	No Limit
EK055G: Ammonia as N by Discrete Analyser (QC Lot: 2291239)									
EB1909312-001	SW01	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	0.04	<0.01	116	No Limit
EB1909335-001	Anonymous	EK055G: Ammonia as N	7664-41-7	0.01	mg/L	0.30	0.27	7.98	0% - 20%
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 2291194)									
EB1909296-001	Anonymous	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.00	No Limit
EB1909312-009	SW09	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.00	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 2291240)									
EB1909312-001	SW01	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.29	0.29	0.00	0% - 20%
EB1909335-001	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	0.01	<0.01	0.00	No Limit
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 2292044)									
EB1909312-001	SW01	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.2	0.2	0.00	No Limit
EB1909314-001	Anonymous	EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.6	0.5	0.00	No Limit
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 2292043)									
EB1909312-001	SW01	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.07	0.06	0.00	No Limit
EB1909314-001	Anonymous	EK067G: Total Phosphorus as P	----	0.01	mg/L	0.20	0.20	0.00	0% - 20%
EK071G: Reactive Phosphorus as P by discrete analyser (QC Lot: 2291197)									
EB1909301-001	Anonymous	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	<0.01	0.00	No Limit
EB1909312-009	SW09	EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	0.06	0.06	0.00	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 2292925)									

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Client sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Recovery Limits (%)*
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 2292925) - continued									
EB1908970-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.00	No Limit
EB1909317-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.00	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 2292925)									
EB1908970-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.00	No Limit
EB1909317-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.00	No Limit
EP080: BTEXN (QC Lot: 2292925)									
EB1908970-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.00	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.00	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.00	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.00	No Limit
EB1909317-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.00	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.00	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	0.00	No Limit
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.00	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.00	No Limit

Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Spike (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **WATER**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Recovery Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EA005P: pH by PC Titrator (QCLot: 2290272)								
EA005-P: pH Value	----	----	pH Unit	----	4 pH Unit	101	98	102
				----	7 pH Unit	100	98	102
EA005P: pH by PC Titrator (QCLot: 2290277)								
EA005-P: pH Value	----	----	pH Unit	----	4 pH Unit	101	98	102
				----	7 pH Unit	100	98	102
EA010P: Conductivity by PC Titrator (QCLot: 2290273)								
EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	4000 µS/cm	98.5	91	107
				<1	12890 µS/cm	103	91	107
EA010P: Conductivity by PC Titrator (QCLot: 2290278)								
EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	2100 µS/cm	95.4	91	107
				<1	24800 µS/cm	94.0	91	107
ED037P: Alkalinity by PC Titrator (QCLot: 2290275)								
ED037-P: Total Alkalinity as CaCO3	----	----	mg/L	----	200 mg/L	98.4	80	120
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 2291195)								
ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	<1	25 mg/L	103	85	118
				<1	100 mg/L	91.8	85	118
ED045G: Chloride by Discrete Analyser (QCLot: 2291196)								
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	95.3	90	115
				<1	1000 mg/L	98.5	90	115
ED093F: Dissolved Major Cations (QCLot: 2290031)								
ED093F: Calcium	7440-70-2	1	mg/L	<1	----	----	----	----
ED093F: Magnesium	7439-95-4	1	mg/L	<1	----	----	----	----
ED093F: Sodium	7440-23-5	1	mg/L	<1	----	----	----	----
ED093F: Potassium	7440-09-7	1	mg/L	<1	----	----	----	----
EG020F: Dissolved Metals by ICP-MS (QCLot: 2290029)								
EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	96.3	88	116
EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	95.1	88	108
EG020A-F: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	103	87	113
EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	0.2 mg/L	103	88	114
EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	101	89	110
EG020A-F: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	101	89	113
EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.2 mg/L	99.0	87	113
EG020T: Total Metals by ICP-MS (QCLot: 2290141)								

Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Recovery Limits (%)	
				Result	Concentration	LCS	Low	High
EG020T: Total Metals by ICP-MS (QCLot: 2290141) - continued								
EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	98.4	88	112
EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	93.5	88	111
EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	100	89	115
EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	0.2 mg/L	103	88	116
EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	97.1	89	112
EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	102	88	116
EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	0.2 mg/L	94.4	84	114
EG020T: Total Metals by ICP-MS (QCLot: 2290142)								
EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	98.2	88	112
EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	93.5	88	111
EG020A-T: Chromium	7440-47-3	0.001	mg/L	<0.001	0.1 mg/L	101	89	115
EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	0.2 mg/L	110	88	116
EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	98.8	89	112
EG020A-T: Nickel	7440-02-0	0.001	mg/L	<0.001	0.1 mg/L	103	88	116
EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	0.2 mg/L	97.4	84	114
EK040P: Fluoride by PC Titrator (QCLot: 2290276)								
EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	5 mg/L	90.4	80	117
EK055G: Ammonia as N by Discrete Analyser (QCLot: 2291239)								
EK055G: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	89.8	86	112
EK057G: Nitrite as N by Discrete Analyser (QCLot: 2291194)								
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	101	90	110
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 2291240)								
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	100.0	89	115
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 2292044)								
EK061G: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	10 mg/L	92.0	70	108
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 2292043)								
EK067G: Total Phosphorus as P	----	0.01	mg/L	<0.01	4.42 mg/L	91.5	79	105
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 2291197)								
EK071G: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	98.3	88	115
EP080/071: Total Petroleum Hydrocarbons (QCLot: 2292925)								
EP080: C6 - C9 Fraction	----	20	µg/L	<20	160 µg/L	86.4	67	125
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 2292925)								
EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	185 µg/L	89.6	66	123
EP080: C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	20	µg/L	<20	----	----	----	----
EP080: BTEXN (QCLot: 2292925)								
EP080: Benzene	71-43-2	1	µg/L	<1	10 µg/L	94.5	73	119

Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Recovery Limits (%): Low	Recovery Limits (%): High
EP080: BTEXN (QCLot: 2292925) - continued								
EP080: Toluene	108-88-3	2	µg/L	<2	10 µg/L	94.8	75	119
EP080: Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	100	73	118
EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	20 µg/L	104	77	121
EP080: ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	102	76	121
EP080: Total Xylenes	----	2	µg/L	<2	----	----	----	----
EP080: Sum of BTEX	----	1	µg/L	<1	----	----	----	----
EP080: Naphthalene	91-20-3	5	µg/L	<5	10 µg/L	102	75	120

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%): MS	Recovery Limits (%): Low	Recovery Limits (%): High
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 2291195)							
EB1909296-002	Anonymous	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	20 mg/L	99.2	70	130
ED045G: Chloride by Discrete Analyser (QCLot: 2291196)							
EB1909296-002	Anonymous	ED045G: Chloride	16887-00-6	400 mg/L	102	70	130
EG020F: Dissolved Metals by ICP-MS (QCLot: 2290029)							
EB1909287-001	Anonymous	EG020A-F: Arsenic	7440-38-2	0.1 mg/L	104	70	130
		EG020A-F: Cadmium	7440-43-9	0.1 mg/L	102	70	130
		EG020A-F: Chromium	7440-47-3	0.1 mg/L	102	70	130
		EG020A-F: Copper	7440-50-8	0.2 mg/L	97.2	70	130
		EG020A-F: Lead	7439-92-1	0.1 mg/L	93.2	70	130
		EG020A-F: Nickel	7440-02-0	0.1 mg/L	99.8	70	130
		EG020A-F: Zinc	7440-66-6	0.2 mg/L	102	70	130
EG020T: Total Metals by ICP-MS (QCLot: 2290141)							
EB1909306-002	Anonymous	EG020A-T: Arsenic	7440-38-2	1 mg/L	100.0	70	130
		EG020A-T: Cadmium	7440-43-9	0.5 mg/L	95.3	70	130
		EG020A-T: Chromium	7440-47-3	1 mg/L	97.6	70	130
		EG020A-T: Copper	7440-50-8	1 mg/L	92.8	70	130
		EG020A-T: Lead	7439-92-1	1 mg/L	92.0	70	130
		EG020A-T: Nickel	7440-02-0	1 mg/L	94.0	70	130
		EG020A-T: Zinc	7440-66-6	1 mg/L	89.3	70	130
EG020T: Total Metals by ICP-MS (QCLot: 2290142)							
EB1909312-007	SW07						

Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Recovery Limits (%)	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG020T: Total Metals by ICP-MS (QCLot: 2290142) - continued							
EB1909312-007	SW07	EG020A-T: Arsenic	7440-38-2	1 mg/L	97.1	70	130
		EG020A-T: Cadmium	7440-43-9	0.5 mg/L	91.4	70	130
		EG020A-T: Chromium	7440-47-3	1 mg/L	99.8	70	130
		EG020A-T: Copper	7440-50-8	1 mg/L	104	70	130
		EG020A-T: Lead	7439-92-1	1 mg/L	95.6	70	130
		EG020A-T: Nickel	7440-02-0	1 mg/L	100	70	130
		EG020A-T: Zinc	7440-66-6	1 mg/L	90.3	70	130
EK040P: Fluoride by PC Titrator (QCLot: 2290276)							
EB1909309-004	Anonymous	EK040P: Fluoride	16984-48-8	5 mg/L	78.6	70	130
EK055G: Ammonia as N by Discrete Analyser (QCLot: 2291239)							
EB1909312-002	SW02	EK055G: Ammonia as N	7664-41-7	0.4 mg/L	95.7	70	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 2291194)							
EB1909296-002	Anonymous	EK057G: Nitrite as N	14797-65-0	0.4 mg/L	98.6	70	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 2291240)							
EB1909312-002	SW02	EK059G: Nitrite + Nitrate as N	----	0.4 mg/L	85.4	70	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 2292044)							
EB1909312-002	SW02	EK061G: Total Kjeldahl Nitrogen as N	----	5 mg/L	98.2	70	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 2292043)							
EB1909312-002	SW02	EK067G: Total Phosphorus as P	----	1 mg/L	99.0	70	130
EK071G: Reactive Phosphorus as P by discrete analyser (QCLot: 2291197)							
EB1909301-002	Anonymous	EK071G: Reactive Phosphorus as P	14265-44-2	0.4 mg/L	94.8	70	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 2292925)							
EB1908970-003	Anonymous	EP080: C6 - C9 Fraction	----	40 µg/L	73.4	70	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 2292925)							
EB1908970-003	Anonymous	EP080: C6 - C10 Fraction	C6_C10	40 µg/L	78.8	70	130
EP080: BTEXN (QCLot: 2292925)							
EB1908970-003	Anonymous	EP080: Benzene	71-43-2	10 µg/L	100	70	130
		EP080: Toluene	108-88-3	10 µg/L	102	70	130

ALS Environmental

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **EB1909312**	Page	: 1 of 10
Client	: **MORETON ENVIRONMENTAL**	Laboratory	: Environmental Division Brisbane
Contact	: MR DAN MORTON	Telephone	: +61-7-3243 7222
Project	: 18006_Scenic Rim Trail	Date Samples Received	: 10-Apr-2019
Site	: ----	Issue Date	: 17-Apr-2019
Sampler	: DAN MORTON	No. of samples received	: 12
Order number	: 18006	No. of samples analysed	: 12

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO Method Blank value outliers occur.**
- **NO Duplicate outliers occur.**
- **NO Laboratory Control outliers occur.**
- **NO Matrix Spike outliers occur.**
- **For all regular sample matrices, NO surrogate recovery outliers occur.**

Outliers : Analysis Holding Time Compliance

- **NO Analysis Holding Time Outliers exist.**

Outliers : Frequency of Quality Control Samples

- **NO Quality Control Sample Frequency Outliers exist.**

Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for ***VOC in soils*** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA005P: pH by PC Titrator							
Clear Plastic Bottle - Natural (EA005-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	11-Apr-2019	✓
EA006: Sodium Adsorption Ratio (SAR)							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**15-Apr-2019**	08-May-2019	✓
EA010P: Conductivity by PC Titrator							
Clear Plastic Bottle - Natural (EA010-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	08-May-2019	✓
EA065: Total Hardness as CaCO3							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**15-Apr-2019**	08-May-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
ED037P: Alkalinity by PC Titrator							
Clear Plastic Bottle - Natural (ED037-P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	24-Apr-2019	✓
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA							
Clear Plastic Bottle - Natural (ED041G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	08-May-2019	✓
ED045G: Chloride by Discrete Analyser							
Clear Plastic Bottle - Natural (ED045G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	08-May-2019	✓
ED093F: Dissolved Major Cations							
Clear Plastic Bottle - Nitric Acid; Filtered (ED093F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**15-Apr-2019**	08-May-2019	✓
EG020F: Dissolved Metals by ICP-MS							
Clear Plastic Bottle - Nitric Acid; Filtered (EG020A-F)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10, DUP01	**10-Apr-2019**	**----**	----	----	**15-Apr-2019**	07-Oct-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EG020T: Total Metals by ICP-MS							
Clear Plastic Bottle - Nitric Acid; Unfiltered (EG020A-T)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10, DUP01	**10-Apr-2019**	**12-Apr-2019**	07-Oct-2019	✓	**12-Apr-2019**	07-Oct-2019	✓
EK040P: Fluoride by PC Titrator							
Clear Plastic Bottle - Natural (EK040P)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	08-May-2019	✓
EK055G: Ammonia as N by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK055G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**12-Apr-2019**	08-May-2019	✓
EK057G: Nitrite as N by Discrete Analyser							
Clear Plastic Bottle - Natural (EK057G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	12-Apr-2019	✓
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK059G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**12-Apr-2019**	08-May-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK061G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**12-Apr-2019**	08-May-2019	✓	**12-Apr-2019**	08-May-2019	✓
EK067G: Total Phosphorus as P by Discrete Analyser							
Clear Plastic Bottle - Sulfuric Acid (EK067G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**12-Apr-2019**	08-May-2019	✓	**12-Apr-2019**	08-May-2019	✓
EK071G: Reactive Phosphorus as P by discrete analyser							
Clear Plastic Bottle - Natural (EK071G)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	12-Apr-2019	✓
EP025: Oxygen - Dissolved (DO)							
Clear Plastic Bottle - Natural (EP025)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**11-Apr-2019**	11-Apr-2019	✓
EP080/071: Total Petroleum Hydrocarbons							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIPBLANK	**10-Apr-2019**	**12-Apr-2019**	24-Apr-2019	✓	**12-Apr-2019**	24-Apr-2019	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIPBLANK	**10-Apr-2019**	**12-Apr-2019**	24-Apr-2019	✓	**12-Apr-2019**	24-Apr-2019	✓
EP080: BTEXN							
Amber VOC Vial - Sulfuric Acid (EP080)							
TRIPBLANK	**10-Apr-2019**	**12-Apr-2019**	24-Apr-2019	✓	**12-Apr-2019**	24-Apr-2019	✓

Matrix: **WATER**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
MW006: Faecal Coliforms & E.coli by MF							
Sterile Plastic Bottle - Sodium Thiosulfate (MW006)							
SW01, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10	**10-Apr-2019**	**----**	----	----	**10-Apr-2019**	11-Apr-2019	✓

Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Laboratory Duplicates (DUP)							
Alkalinity by PC Titrator	ED037-P	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Ammonia as N by Discrete analyser	EK055G	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	2	16	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	4	40	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Major Cations - Dissolved	ED093F	2	18	**11.11**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
pH by PC Titrator	EA005-P	4	40	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	2	15	**13.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	2	16	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	4	31	**12.90**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	2	19	**10.53**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
Alkalinity by PC Titrator	ED037-P	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Ammonia as N by Discrete analyser	EK055G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	2	16	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	4	40	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
pH by PC Titrator	EA005-P	4	40	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	2	16	**12.50**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	2	31	**6.45**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
Ammonia as N by Discrete analyser	EK055G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Conductivity by PC Titrator	EA010-P	2	40	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Matrix: **WATER**

Evaluation: × = Quality Control frequency not within specification ; ✓ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	*Method*	*QC*	*Regular*	***Actual***	***Expected***	*Evaluation*	
Method Blanks (MB) - Continued							
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Major Cations - Dissolved	ED093F	1	18	**5.56**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	2	31	**6.45**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
Ammonia as N by Discrete analyser	EK055G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Chloride by Discrete Analyser	ED045G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Dissolved Metals by ICP-MS - Suite A	EG020A-F	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Fluoride by PC Titrator	EK040P	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Nitrite as N by Discrete Analyser	EK057G	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Reactive Phosphorus as P-By Discrete Analyser	EK071G	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	1	16	**6.25**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-MS - Suite A	EG020A-T	2	31	**6.45**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Phosphorus as P By Discrete Analyser	EK067G	1	19	**5.26**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
pH by PC Titrator	EA005-P	WATER	In house: Referenced to APHA 4500 H+ B. This procedure determines pH of water samples by automated ISE. This method is compliant with NEPM (2013) Schedule B(3)
Conductivity by PC Titrator	EA010-P	WATER	In house: Referenced to APHA 2510 B. This procedure determines conductivity by automated ISE. This method is compliant with NEPM (2013) Schedule B(3)
Calculated TDS (from Electrical Conductivity)	EA016	WATER	In house: Calculation from Electrical Conductivity (APHA 2510 B) using a conversion factor specified in the analytical report. This method is compliant with NEPM (2013) Schedule B(3)
Alkalinity by PC Titrator	ED037-P	WATER	In house: Referenced to APHA 2320 B This procedure determines alkalinity by automated measurement (e.g. PC Titrate) using pH 4.5 for indicating the total alkalinity end-point. This method is compliant with NEPM (2013) Schedule B(3)
Sulfate (Turbidimetric) as SO4 2- by Discrete Analyser	ED041G	WATER	In house: Referenced to APHA 4500-SO4. Dissolved sulfate is determined in a 0.45um filtered sample. Sulfate ions are converted to a barium sulfate suspension in an acetic acid medium with barium chloride. Light absorbance of the BaSO4 suspension is measured by a photometer and the SO4-2 concentration is determined by comparison of the reading with a standard curve. This method is compliant with NEPM (2013) Schedule B(3)
Chloride by Discrete Analyser	ED045G	WATER	In house: Referenced to APHA 4500 Cl - G.The thiocyanate ion is liberated from mercuric thiocyanate through sequestration of mercury by the chloride ion to form non-ionised mercuric chloride.in the presence of ferric ions the librated thiocynate forms highly-coloured ferric thiocynate which is measured at 480 nm APHA 21st edition seal method 2 017-1-L april 2003
Major Cations - Dissolved	ED093F	WATER	In house: Referenced to APHA 3120 and 3125; USEPA SW 846 - 6010 and 6020; Cations are determined by either ICP-AES or ICP-MS techniques. This method is compliant with NEPM (2013) Schedule B(3) Sodium Adsorption Ratio is calculated from Ca, Mg and Na which determined by ALS in house method QWI-EN/ED093F. This method is compliant with NEPM (2013) Schedule B(3) Hardness parameters are calculated based on APHA 2340 B. This method is compliant with NEPM (2013) Schedule B(3)
Dissolved Metals by ICP-MS - Suite A	EG020A-F	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. Samples are 0.45µm filtered prior to analysis. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Total Metals by ICP-MS - Suite A	EG020A-T	WATER	In house: Referenced to APHA 3125; USEPA SW846 - 6020, ALS QWI-EN/EG020. The ICPMS technique utilizes a highly efficient argon plasma to ionize selected elements. Ions are then passed into a high vacuum mass spectrometer, which separates the analytes based on their distinct mass to charge ratios prior to their measurement by a discrete dynode ion detector.
Fluoride by PC Titrator	EK040P	WATER	In house: Referenced to APHA 4500-F C: CDTA is added to the sample to provide a uniform ionic strength background, adjust pH, and break up complexes. Fluoride concentration is determined by either manual or automatic ISE measurement. This method is compliant with NEPM (2013) Schedule B(3)

Analytical Methods	Method	Matrix	Method Descriptions
Ammonia as N by Discrete analyser	EK055G	WATER	In house: Referenced to APHA 4500-NH3 G Ammonia is determined by direct colorimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Nitrite as N by Discrete Analyser	EK057G	WATER	In house: Referenced to APHA 4500-NO2- B. Nitrite is determined by direct colourimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Nitrate as N by Discrete Analyser	EK058G	WATER	In house: Referenced to APHA 4500-NO3- F. Nitrate is reduced to nitrite by way of a chemical reduction followed by quantification by Discrete Analyser. Nitrite is determined seperately by direct colourimetry and result for Nitrate calculated as the difference between the two results. This method is compliant with NEPM (2013) Schedule B(3)
Nitrite and Nitrate as N (NOx) by Discrete Analyser	EK059G	WATER	In house: Referenced to APHA 4500-NO3- F. Combined oxidised Nitrogen (NO2+NO3) is determined by Chemical Reduction and direct colourimetry by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Total Kjeldahl Nitrogen as N By Discrete Analyser	EK061G	WATER	In house: Referenced to APHA 4500-Norg D (In house). An aliquot of sample is digested using a high temperature Kjeldahl digestion to convert nitrogenous compounds to ammonia. Ammonia is determined colorimetrically by discrete analyser. This method is compliant with NEPM (2013) Schedule B(3)
Total Nitrogen as N (TKN + Nox) By Discrete Analyser	EK062G	WATER	In house: Referenced to APHA 4500-Norg / 4500-NO3-. This method is compliant with NEPM (2013) Schedule B(3)
Total Phosphorus as P By Discrete Analyser	EK067G	WATER	In house: Referenced to APHA 4500-P H, Jirka et al (1976), Zhang et al (2006). This procedure involves sulphuric acid digestion of a sample aliquot to break phosphorus down to orthophosphate. The orthophosphate reacts with ammonium molybdate and antimony potassium tartrate to form a complex which is then reduced and its concentration measured at 880nm using discrete analyser. This method is compliant with NEPM (2013) Schedule B(3)
Reactive Phosphorus as P-By Discrete Analyser	EK071G	WATER	In house: Referenced to APHA 4500-P F Ammonium molybdate and potassium antimonyl tartrate reacts in acid medium with othophosphate to form a heteropoly acid -phosphomolybdic acid - which is reduced to intensely coloured molybdenum blue by ascorbic acid. Quantification is by Discrete Analyser. This method is compliant with NEPM (2013) Schedule B(3)
Ionic Balance by PCT DA and Turbi SO4 DA	EN055 - PG	WATER	In house: Referenced to APHA 1030F. This method is compliant with NEPM (2013) Schedule B(3)
Oxygen - Dissolved	EP025	WATER	In house: Referenced to APHA 4500-O G. Dissolved Oxygen Probe. This method is compliant with NEPM (2013) Schedule B(3)
TRH Volatiles/BTEX	EP080	WATER	In house: Referenced to USEPA SW 846 - 8260B Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. Alternatively, a sample is equilibrated in a headspace vial and a portion of the headspace determined by GCMS analysis. This method is compliant with the QC requirements of NEPM (2013) Schedule B(3)
Thermotolerant Coliforms & E.coli by Membrane Filtration	MW006	WATER	AS 4276.7 2007

Preparation Methods	Method	Matrix	Method Descriptions
TKN/TP Digestion	EK061/EK067	WATER	In house: Referenced to APHA 4500 Norg - D; APHA 4500 P - H. This method is compliant with NEPM (2013) Schedule B(3)
Digestion for Total Recoverable Metals	EN25	WATER	In house: Referenced to USEPA SW846-3005. Method 3005 is a Nitric/Hydrochloric acid digestion procedure used to prepare surface and ground water samples for analysis by ICPAES or ICPMS. This method is compliant with NEPM (2013) Schedule B(3)
Volatiles Water Preparation	ORG16-W	WATER	A 5 mL aliquot or 5 mL of a diluted sample is added to a 40 mL VOC vial for sparging.