

Carlton Water Committee (Working)

Water Committee Members

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|-------------------------|-----------------------------|
| Peter Dinsdale (Chair) | Town Foot (☎ 640480) |
| Howard Thomas | Littleside (☎ 640689) |
| Raymond Brown | Park View (☎ 640409) |
| Peter Hill | Hayden Carr (☎ 640276) |
| Jenny Walker | Converted Garage (☎ 640676) |
| Matthew Wilkes | High Barn (☎ 640566) |
| Carol Brown, (PC Clerk) | Park View (☎ 640409) |

Minutes of Meeting held on 26th January 2026

The meeting was held at Park View, Carlton beginning at 6.10pm.

Those present:

Peter Dinsdale (Chair), Jenny Walker, Matthew Wilkes, Raymond Brown, Peter Hill, Howard Thomas and Carol Brown (PC Clerk).

1. Approval of the minutes from the meeting held on 16th October 2025

Peter Dinsdale welcomed everyone to the meeting and the previous minutes of the meeting held on the 16th October 2025 had been approved and signed by the Chairman.

2. Matters arising from the previous minutes and actions

Confirm with Mr Barningham re: place pipe in rock face: Mr Barningham had been contacted and was happy to go into the rock face, but not until the Summer. Raymond/Peter to approach again nearer the time.

Peter Alderson (Electrician) analysis: Jenny informed the committee she had located the report from Peter Alderson along with other reports which she discussed at the meeting. Attached is an email from Jenny with the details of the reports:

ACTION AT CARLTON WATER HUT REGARDING THE ELECTRICITY SUPPLY BETWEEN 2012 AND 2020

In 2012 there were very frequent motor failures of the compressor, and it was suggested/felt that it was when the compressors/pumps/backwashes were switching on at the same time and asking too much of the power available. Timers were installed so these machines were all coming on/off at different times, and this stopped the problem.

In early 2013, John Watson from West Scrafton was asked to look at the electrical supply and the size of the cable and the available voltage at the Hut.

John came and did lots of measurements in different ways, and gave a very pessimistic report in March 2013, including stating that the cable between the chapel and the Hut presented a safety issue.....

In July 2013, Jacksons (electricians from Grewelthorpe) also reviewed the Electrical system in the light of John Watson's report - with which they partly agreed, including that the system had some safety issues - and gave a quote to do what they recommended was required including replacing the cable and various RCD's of £4249.00 plus VAT

As the inclusion of timers had stopped the repeated failure of the compressor, no further action was taken at that time.

In September 2015, it was suggested to the water committee that the Electrical supply be reviewed again, as two separate reviews had suggested some safety issues.

Further Electricians were finally asked in early 2017 to review the situation and give quotes, four were invited but only two came:

a) Mark Stephenson came in March 2017. He did no measurements for himself, but he looked at John Watson's report from 2013, and he gave us a quote, just to replace the cable between the chapel and the Hut
of £8591.47 plus VAT

b) Peter Alderson also came in March 2017, did lots of his own measurements and looked at John Watson's report from 2013.
Peter said that in 2017 he didn't agree with John's report of the situation in 2013, and said that in 2017 our system wasn't unsafe, and that he recommended some minor improvements at a quote of £425.00 plus VAT
He also said that if he did these recommendations, that he would be happy to give us a test certificate valid for 5 years

There was no action taken in 2017, but Peter Alderson was asked in early 2020 to carry out the work he had recommended in 2017, along with some additions that RWB requested (contractor for compressor, extra earth rod, and extra socket for pump) and to issue a test certificate.
Peter came and did this work on 9th March 2020 - luckily, as the first Covid Lockdown commenced on 23rd March 2020.
Peter charged us £425.00 for his original recommended work, quoted in 2017, plus £260.00 for the additional requested work.
He issued an EICR report as a test certificate, valid for 5 years.
This 5 years expired on 9th March 2025.

The new Treatment plant has more pumps and may need more electrical supply.
I understand the new pumps will use less power, there is still the additional requirement when the compressor starts up, and when the Borehole is switched on.
I know that the electrical supply available has not been reviewed since 2020, nor the current state of the supply cable etc.

It would seem logical to get a new electrical review/assessment to assess the state of the supply and cable now in 2026, and to find out if it will be adequate for the plans of the new Treatment Plant.

After discussion it was decided that H & H would test the electrics when installing the new plant. It was also decided that a generator would need to be available in case of an electricity outage.

Investigate criteria for funding of telematics system: Peter informed the committee that the Water (Funding and Management) Committee would investigate this.

Mapping of new pipe works up melbecks:
Peter Dinsdale and Raymond stated this was ongoing.

All other actions have been dealt with or are items on the agenda.

3. Report on current day to day running of the water supply
Jenny read out the following report:

Water Report for Water Meeting 26th January 2026

The water is currently safe to drink.

When John Ellerton's team started work to install the new water tanks around 14th October, over 3 months ago, the Suttill spring was disconnected from the Water Hut. Since then, the water supplied to Carlton has been from Melbecks only, with borehole water added during heavy rains. The borehole has been needed in only 4 of 12 weeks, including the last two weeks when it has been raining incessantly.

Water usage gradually rose from the lows of 38-42 in September to 55-60 cubes/day by late November, and remained steady at that until the week leading up to Christmas Day when it rose to 89 cubes/day, and then fell slowly over the holiday period to 75-80 cubes/day and the steadily down to 70-75 cubes/day despite the severe frosts in the week of 5th January. It has now settled to 60-65 cubes/day.

It is necessary to visit the Water Hut daily to check that the Treatment Hut is in working order, to record the water usage to assess the situation of leaks, and to measure the chlorine levels in the water to be certain that the water supplied to the residents of Carlton is being treated adequately.

The dial on the chlorine dosing pump sometimes needs adjusting every 1-2-3 days as it is affected by the changing weather which affects the water going into the Hut. It is also affected by the water usage as increased usage requires a lower dosing – due to less contact time in the reservoir. The only time the dosing remains steady is when usage is steady with dry and steady weather, as it was for 7 days in the very cold dry weather between 4th and 10th Jan, when we were using only the Melbecks supply without any Borehole water.

Since the last Parish Council meeting at the end of November 2025 there has been no progress with the situation regarding the area of publicly accessible land between the Water Hut and the Tank installation area. The ground is a quagmire in wet weather, there is an open deep hole with water and pipes in it, and other hazardous areas which are also a Health and Safety risks for the public.

The cover over the Borehole reservoir in the main track up past the Water hut was cracked and broken in the first days of the Tank installation works in mid-October allowing mud and water into that reservoir. John Ellerton did replace the lid on 25th November, but the drainage holes still need clearing, and the bottom of the reservoir itself needs clearing of the mud to pass Environmental Health requirements.

The annual service of the equipment in the Hut by the Culligan engineer was nearly a year ago on 26th February 2025.

I understand that we need this annual service for our Insurance to be valid.

I was advised last spring that you were not following up the Culligan quotation, and that the new Plant would be installed, by H&H, during 2025.

I am very concerned about this situation, and I remain still more than concerned about the ability of our current Water treatment system to continue to produce adequate safe water for the residents in the village of Carlton, thank you.

Jenny Walker

After discussion it was decided that Raymond and Peter would erect some barriers around the area from the water hut to the new tanks that was unsafe. J Ellerton would inspect and fix the problems with the drainage and cleaning of the reservoir when he returns. Jenny stated that Culligans last service of the plant was on 26th February 2025 and this would need to be done to comply with our insurance. Carol to look at the insurance.

4. Installation of new plant and associated costs

The recent invoices from J Ellerton and H & H for installation of the tanks had cost approximately £40000.00 (inc vat) so far. Jenny asked what will happen when new plant and tanks are connected? Peter stated that a boil order might need to be put in place for about a week to monitor the plant along with any teething problems

5. Abstraction Licence

Raymond stated that the licence was ongoing. He stated that three sources would be sufficient, those being Suttills supply, the borehole and melbecks. A vote was held which resulted in 5 in favour and 1 against, for applying for the three sources stated. The licence states how many cubes of water can be extracted from each source. Raymond will gather more information.

6. IT Monitoring System

A quote had been received from H & H for approximately £10000.00 but this would need further discussion. It was felt that this would be retrospectively fit once the new plant had been installed. The quote received monitors chlorine usage levels and water levels only but would not auto dose. Jenny stated that in the last three months dosing needing manually altering every 2/3 days. Peter stated that an automatic dosing system could be fit retrospectively once the plant is installed.

7. Mains/Leak Detection

Raymond, Mathew and Peter Hill would go out during the night to see if they could find any leaks.

8. Funding and Management Committee

The Funding and Management Committee are preparing the documentation for the PWLB Loan. Claire Hodgson has been gathering the necessary information required to also apply for an SDF (Sustainable Development Fund) Grant with YDNP (Yorkshire Dales National Parks). They will inform the Parish Council of their results.

9. Any other business

Peter Dinsdale has arranged more stone for the track up Melbecks from Mike Guerney at Highways, however this will be delivered when J Ellerton returns to enable him to lay it. J Ellerton will also fix the borehole cover at the same time.

There being no further business the meeting closed at 7.05pm.

| ACTION | RESPONSIBILITY |
|--|--------------------------------|
| Contact Mr Barningham in Summer regarding going into rock face | Raymond/Peter D |
| H & H to check electrics to plant on installation of new plant | Raymond/Peter D |
| Funding for telematics system | Funding & management committee |
| Mapping of pipes up melbecks - ongoing | Raymond/Peter D |
| Erection of Barriers up Melbecks | Raymond/Peter |
| Look at Insurance regarding service of plant | Carol |
| Abstraction Licence - ongoing | Raymond |
| Mains/Leak detection | Raymond/Peter Hill & Mathew |