

Bishop Burton and Walkington Liaison Committee (Crawberry Hill)

Bishop Burton Village Hall

10 September 2013

Notes of Meeting

Attendees: David Montagu-Smith (Chairman, Rathlin Energy (UK)) - DM-S
Margaret Hebb (Bishop Burton Resident) - MH
Jason Chester (Bishop Burton Resident) – JC
John Castle (Walkington Resident) - JCstle
David Oxtoby (Chair, Bishop Burton Parish Council) - DO
Ken Hearne (Walkington Parish Council) - KH
Tom Selkirk (Project Manager, Rathlin Energy (UK)) - TS
Philip Silk (Planning Manager, Moorhouse Drilling and Completions) - PS
Jonathan Foster (HSE Manager, Moorhouse Drilling and Completions) - JF
Caroline Foster (Field Manager, Rathlin Energy (UK)) - CF
Simon Taylor (Rathlin Communications) - ST

Apologies: Peter Rolinson (Walkington Resident) - PR
David Drew (Chair, Walkington Parish Council) - DD

1. Welcome and Introductions:

DM-S opened the liaison group meeting, welcomed everyone and thanked them for attending.

DM-S explained that the meeting was the first in connection with Crawberry Hill since the main rig demobilisation started back in June and he hoped that everyone had enjoyed the warm weather over the summer period. He reminded resident representatives that the site had been cleared and secured between June and the present time while Rathlin Energy's geologists and support teams had analysed the core samples and the cuttings from the drilling operations. Pictures of the site, as it is today, were shown to resident representatives.

DM-S said that the purpose of this meeting was to update resident representatives on progress to date and to talk about the next steps.

Point of note: Resident representatives pointed to a comment in the last Walkington community newsletter where it was suggested that there would be a five year assessment period. Rathlin Energy said that this was an error and that five months would have been a more accurate reflection.

2. Notes from the Previous Meeting (21 May 2013):

The notes from the previous meeting on 21 May 2013 were approved by DM-S and resident representatives as an accurate record of what was discussed. Attendees were reminded that the notes are always posted on Rathlin Energy's website (www.rathlin-energy.co.uk) after the meeting. The site is also updated regularly with the latest news about Rathlin Energy's projects and liaison group members and the public were invited to check the site regularly for up-to-date information.

3. **Operations Update:**

PS reminded resident representatives that Rathlin Energy's planning application covered four phases:

- Site construction
- Drilling
- An extended well test
- Restoration (or submission of new planning application)

He said that having completed the first two phases, Rathlin Energy is now preparing to move into the well test phase. PS explained that Rathlin Energy has planning permission to complete these testing operations. He said that this would enable Rathlin Energy to better understand whether there is anything of interest, building on the information gathered during the drilling and if there is, whether it has commercial potential. He said that this may consist of a number of different tests.

PS said, subject to equipment availability, that it was hoped that the well test operations would commence as soon as possible. The process will involve:

- Mobilisation of a work-over unit
- Installing the new rig (which will be similar to the conductor rig that was used initially at the site. He said that this kind of rig is known as a 'work-over' rig. In addition the work-over rig there will be a wire-line unit – which to all intents and purposes is an adapted dust cart vehicle)
- Running a completion (this is steel tubing run inside the outer casings, which allows fluids to be flowed to surface in a safe and controlled manner)
- Perforating 5m of the casing into a possible reservoir to provide communication between the formation and wellbore
- Installing monitoring equipment to gather pressure data
- Taking the rig down
- Demobilisation of the work-over unit

He explained that the whole process would take approximately two weeks to complete from beginning to end. He also stressed that a traffic management plan had been developed for this phase of works. From a noise, air and lighting perspective, PS said that this phase of operations would be similar to the conductor operations. However, as a matter of course, activities would be monitored as before and he would, as usual, report back on the findings at a future meeting.

He said that following this work, monitoring equipment will be left in the well for a period. These will then be retrieved with a wire-line unit. Further work maybe completed after this as part of the well test phase but a liaison meeting would be held before this happens.

DM-S asked if resident representatives had any questions. A general discussion took place about the perforation process and how that worked in practice.

Resident representatives were reassured that the process afforded all of the health, safety and environmental measures needed and thanked Rathlin Energy for the information and the update.

PS then went on to give an update on the air quality monitoring results towards the end of the last phase of work.

He reminded resident representatives that the air monitoring work had been undertaken by independent consultants, ESG and that they had been monitoring for Hydrogen Sulphide (H₂S), Methane, Volatile Organic Compounds (VOCs) and Benzene, Toluene, Ethylbenzene, Xylene (BTEX).

PS said that the results were as follows:

- Methane - no issues identified
- Hydrogen Sulphide - levels remained largely consistent throughout the monitoring period. There were some very low background levels potentially a result of nearby agriculture work.
- VOCs and BTEX - most results were well below the UK Air Quality Objective. However, one recording period was higher than the others. Further research revealed that this was during the mobilisation period and would be associated with the vehicles travelling in and out of the site.

PS then went on to give an update on the water monitoring results towards the end of the last phase of work.

He explained that the last two monitoring periods ended on 29 May 2013 (round six) and 08 July 2013 (round seven). Again, he confirmed that the results were largely consistent with rounds one to five. PS said that the TSS levels at the Walkington borehole were still high - but reduced to similar levels seen in the earlier samples. There was a slight increase in turbidity in the private borehole, which is likely to be due to more frequent use of the borehole due to the warmer weather. The results are considered negligible.

4. **Any other business:**

Resident representatives asked about security. JF confirmed that security personnel would be back onsite throughout the operations.

Resident representative asked about lighting. JF said that the lighting would be similar to that used on the conductor rig at the onset of the operations.

Resident representatives asked about noise. JF stated that this operation would be much lower key and less noticeable all round – including noise emissions.

5. **Date and time of the next meeting:**

DM-S said that the exact timings for the operations to begin should be known within 10-14 days. He suggested that a further meeting be held in November following the works (assuming that it goes ahead within the current anticipated timescales). Thursday 07 November 2013 was the agreed date. PS was tasked with advising liaison group members should there be any changes to the current timescales and, consequently, the next liaison meeting.

DM-S concluded by thanking resident representatives for attending and reminding everyone that further updates about the project will be available via Rathlin's website: www.rathlin-energy.co.uk. He asked that lines of communication remain open should anyone want or need anything in connection with the company's work.