

## Eden Geothermal Community Liaison Group

### Minutes of group meeting Wednesday 12<sup>th</sup> May 2021, 18:30 (Zoom)

**Present:** Roy Taylor (Chairman); Henry Orchard (Eden Neighbours Forum); Mike Grindley (Luxulyan PC); Matthew Luke (Treverbyn PC); Myles Breary (Carlyon PC); Doug Scrafton (SE LAG); Tom French (CC); Dan James (Eden Project); Gus Grand (EGL); Tony Bennett (EGL); Paul Newcombe (EGL); Chris Briggs (EGL); Peter Mulholland (EGL); Robbie Bilisland (EGL); Claire Judd (EGL – minutes).

**Apologies:** Max Skerratt (EGL).

<u>ITEM</u>	<u>ACTIONS</u>
<p><b>1. Minutes of last meeting and matters arising</b> Minutes of meeting 10/02/21 proposed as an accurate record by HO. Seconded DJ. Agreed.</p>	
<p><b>2. Operations Update</b> TB provided a summary of operations progress.</p> <ul style="list-style-type: none"> <li>• Rig mobilisation and transportation went well; some delays at ports meant loads didn't all arrive in the order expected and there was a delivery on Sunday, but generally had been well organized and EGL didn't receive any complaints from neighbours.</li> <li>• MND (drilling rig and drillers) very professional and rig up process has been very good. 1 day of high winds delayed final mast section, but on target.</li> <li>• Main part of rig is now erected. Generators and electrics still to be connected. When this is complete, we will move to 24-hour operations.</li> <li>• Before spud (drilling start) process of rig audit and certification on site by independent inspectors (underway today). To ensure all working properly after a period of being stacked (unused) and that everything is compliant with UK HSE regs. No major problems foreseen.</li> <li>• Assuming rig acceptance, aiming for spud on Mon 17<sup>th</sup> May.</li> </ul> <p>HO commented that from his perspective rig mobilisation had gone well, and that he was only aware of one complaint amongst neighbours.</p> <p>TB further summarised the 150-day drilling programme as follows:</p> <ul style="list-style-type: none"> <li>• 1<sup>st</sup> section 26" diameter – to 300m depth. 5-6 days. Noisiest section as larger diameter hole without sufficient height to put lots of weight behind bit, so vibration noise anticipated. Team very conscious of noise issue and will focus on monitoring noise and managing within acceptable parameters.</li> <li>• Casing (lining) the 1<sup>st</sup> section with 20" casing</li> <li>• 2<sup>nd</sup> section 17 ½" diameter – to 1,500m. About a month.</li> </ul>	

<b>ITEM</b>	<b>ACTIONS</b>
<ul style="list-style-type: none"> <li>• Casing that section with 13 3/8" casing.</li> <li>• 3<sup>rd</sup> section 12 1/4" diameter to 4,000m. Expected about 50 days. Anticipate 'kick off' (point of deviation to reach target of Great Crosscourse (GCC) fault) at 1,700m. Gradually build angle to &gt;30°.</li> <li>• Casing the 12 1/4" section with 9 5/8" casing</li> <li>• 4<sup>th</sup> section 8 1/2" diameter to approximately 4,500m and into the target zone. GCC appears to outcrop to the east of the site, near Eden access road, and dips steeply NE. Geological changes (more disturbed / fractured granite, easier to drill through) with greater fluid losses would be positive signs of reaching the fault; any fluid losses would be too deep to affect the groundwater table.</li> <li>• Hope to reach target at ~4500m somewhere to NE of HO's yard. September – October. Duration will be affected by inclination of fault.</li> <li>• Drilling fluids used are water based 'mud'. No induced seismicity anticipated during drilling.</li> <li>• When drilling is complete, well-testing will test permeability and conductivity of the target zone, giving information about the viability of the system.</li> <li>• Ideally, if well-testing results are positive and funding is in place, the rig would be kept on site to drill the second well, avoiding further demobilization / remobilization.</li> </ul> <p>RT and HO asked questions about the fault structure and the duration of the drilling programme. TB gave an outline of the fault geology and explained how the most recent tectonic activity, in the post granite emplacement period, would have reactivated the fault and rendered it more permeable and therefore useful for our purposes – as at United Downs.</p> <p>TB clarified that the 150 days drilling programme was for the first well only and gave detail of the length of drilling for the various sections of the well (set out in summary above).</p>	
<p><b>3. Site visits</b></p> <p>GG hoped that members would visit the site, see the operation and meet technical staff to find out more about the programme. TB reiterated the invitation. CJ had spoken to Max (PM) and dates suggested were end of w/c 24/05/21 or after 07/06/21. Site is Covid-secure; if members come into the site as opposed to going to the viewing area, there will be testing / PPE requirements.</p>	<p><b>CJ</b> to create doodle poll to ascertain best date(s)</p>
<p><b>4. Neighbour communications</b></p> <p>GG gave an update:</p>	

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<ul style="list-style-type: none"> <li>• Peter Mulholland (Drilling Supervisor) anticipates decision by 5pm Friday as to whether spud on 17/05/21 can go ahead. This will feed into neighbour comms. EGCLG will be informed.</li> <li>• Public notice being placed in Western Morning News on Saturday announcing start of drilling.</li> <li>• Local neighbour comms (direct emails; posts on community Facebook sites located in immediate surrounds of site) focused on aspects relevant to very local community to be posted Friday morning ahead of wider press (see next item) so that they 'hear first'.</li> <li>• Members alerted to the fact that the first stage of drilling is likely to be quite noisy, but that this will only last a few days.</li> <li>• Other community FB sites / EGL FB and Twitter linked to wider PR (see next item). DS asked for St Blazey and Par residents' pages to be added to the list, or will share posts.</li> </ul> <p>ML reported on conversations on Trethurgy and Friends FB page – some disquiet expressed by one or two residents, but sense that overall people are comfortable for now.</p> <p>HO felt that the main concern from neighbours going forward was likely to be noise.</p>	<p><b>CJ</b> to action relevant notifications</p> <p>CJ to request access to relevant FB pages in Par / St Blazey and post there too or DS to share Post from Eden Geothermal page.</p>
<p><b>5. Press and wider public relations</b></p> <p>GG provided an update:</p> <ul style="list-style-type: none"> <li>• Press release to announce spud to be issued Sunday morning (16/05/21), linked to EGL FB and Twitter and 'further afield' community FB sites (PL24, Par, St Blazey)</li> <li>• Press visits expected Wednesday (17/05/21) – unless bigger news</li> <li>• Good coverage was obtained from rig mobilisation press release; TV coverage on BBC and ITV local news – ITV particularly good; local and national newspapers.</li> <li>• The One Show are still interested in filming around drilling start.</li> </ul> <p>TF asked if demos / protests are expected. GG felt unlikely as drilling is for a renewables project and not fossil fuels, and reaction to date has been broadly positive. EGL Drilling Manager has had experience of issues related to shale gas drilling.</p>	
<p><b>6. Eden Geothermal Community Fund</b></p> <p>GG reported that the panel had met and funding decisions had been made, however applicants had not yet been informed of the outcome, so the detail of the awards couldn't be shared yet.</p>	

<b><u>ITEM</u></b>	<b><u>ACTIONS</u></b>
<p>CJ reported that the fund had been oversubscribed; a small number of projects had been awarded the full funding applied for, with a larger number part-funded.</p> <p>DJ fed back that there had been some excellent applications, with most of the parishes represented, and a good mix of project aims - educational, environmental, welfare and wellbeing, community amenities, etc.</p>	
<p><b>7. AOB</b></p> <p>No other issues discussed.</p>	
<p><b>8. Date of next meeting</b></p> <p>TBA</p>	