



MRL CRG

Cleanaway Update

27 February 2020

Outstanding Actions

ACTION 191127_1: V.Abeywickrema to share the link to the Dandenong study report with members.

Post-meeting update: Dandenong South: Air monitoring program final report.

ACTION 191127_2: V.Abeywickrema agreed to share a member's request for there to be a study at the MRL site on VOCs with Stephen Lansdell, Manager, West Metropolitan Region, EPA.

ACTION 191127_3: G.Edgar to determine and report back to the group if any council approvals are required for the biogas plant.

Post-meeting update: Cleanaway has confirmed planning approval is required and application was submitted to Melton Council in late November 2019. Complete.

Outstanding Actions Cont.

ACTION 191127_4: G.Edgar to report if any Category C soil had been received at MRL.

ACTION 191127_5: S.Gove to arrange a time to visit a residential area close to MRL early in the morning when conditions are similar to those when people have previously complained about odour to assess if there are odours.

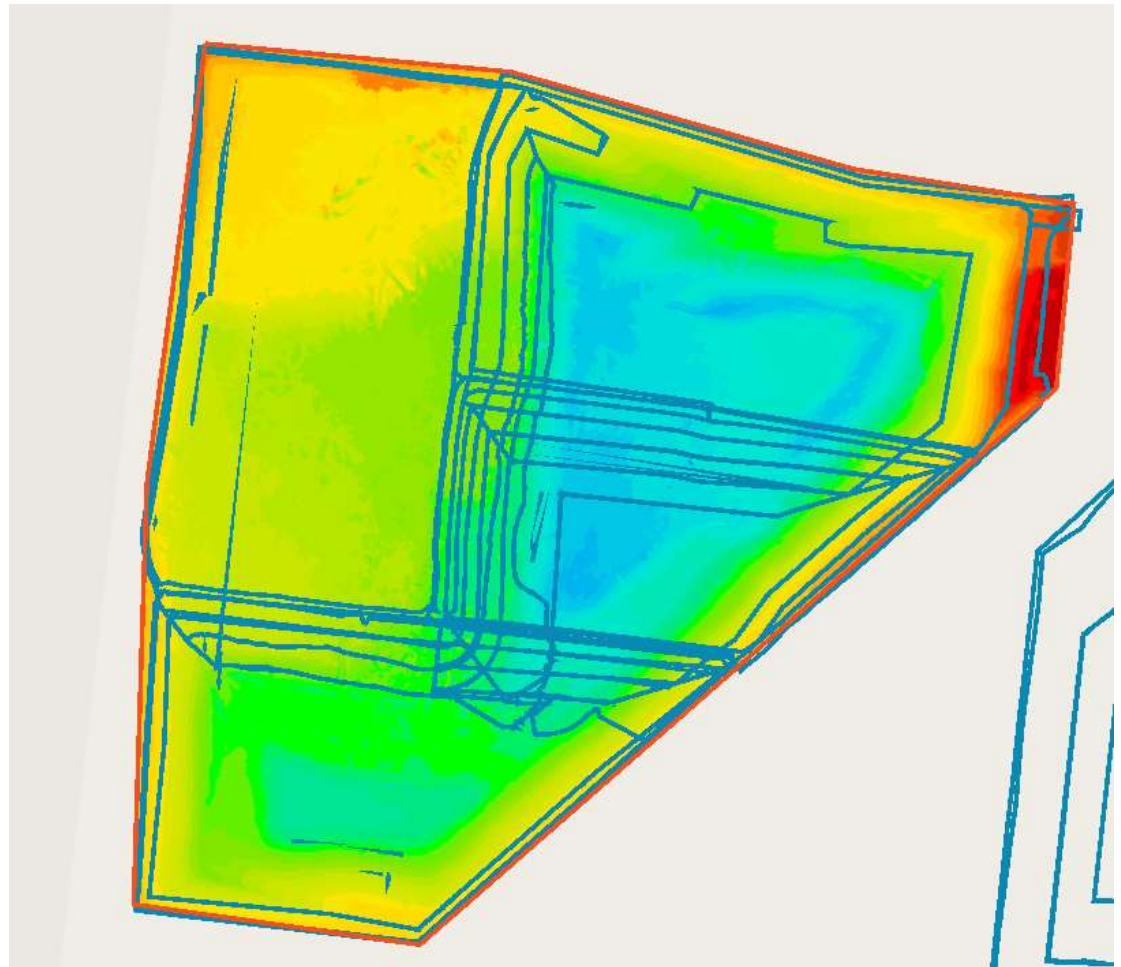
ACTION 191127_6: O.Ghiri to send application forms to three local residents who have registered an interest in joining the CRG.

ACTION 191127_7: B.Turner to explore options for sealing Middle Rd.

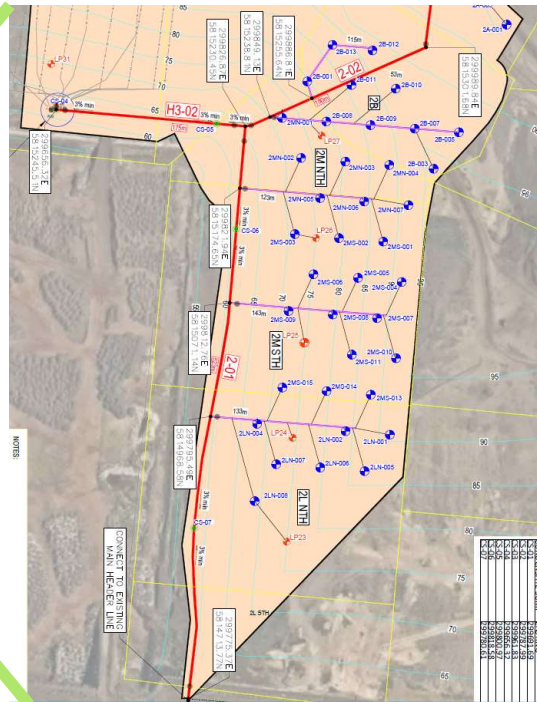
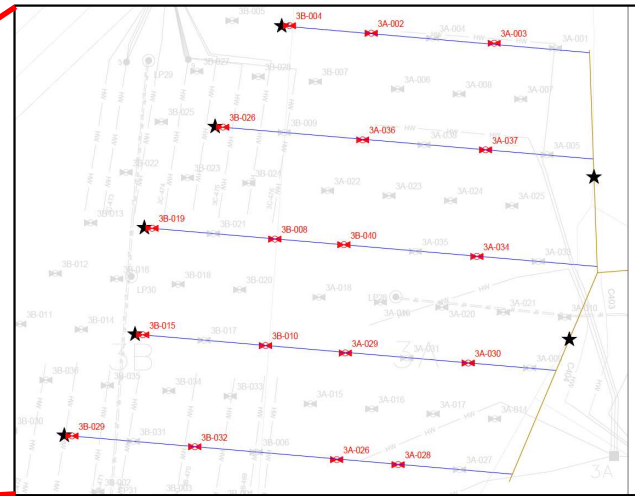
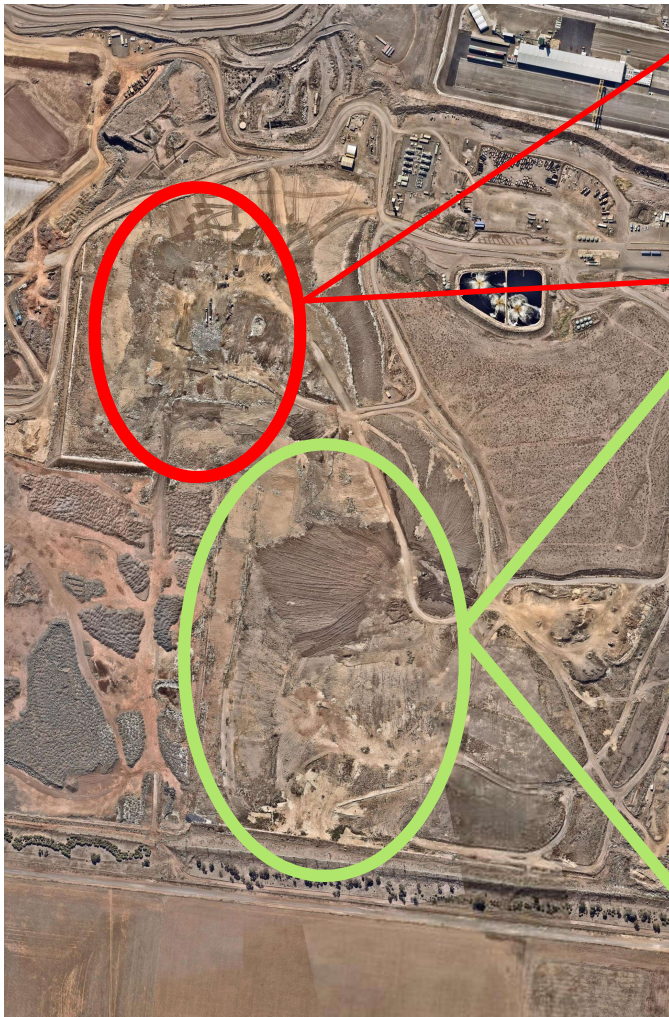
Operations Update

Fill progression – 4B-2 (lift 3)

Elevation



Landfill Gas Collection Update

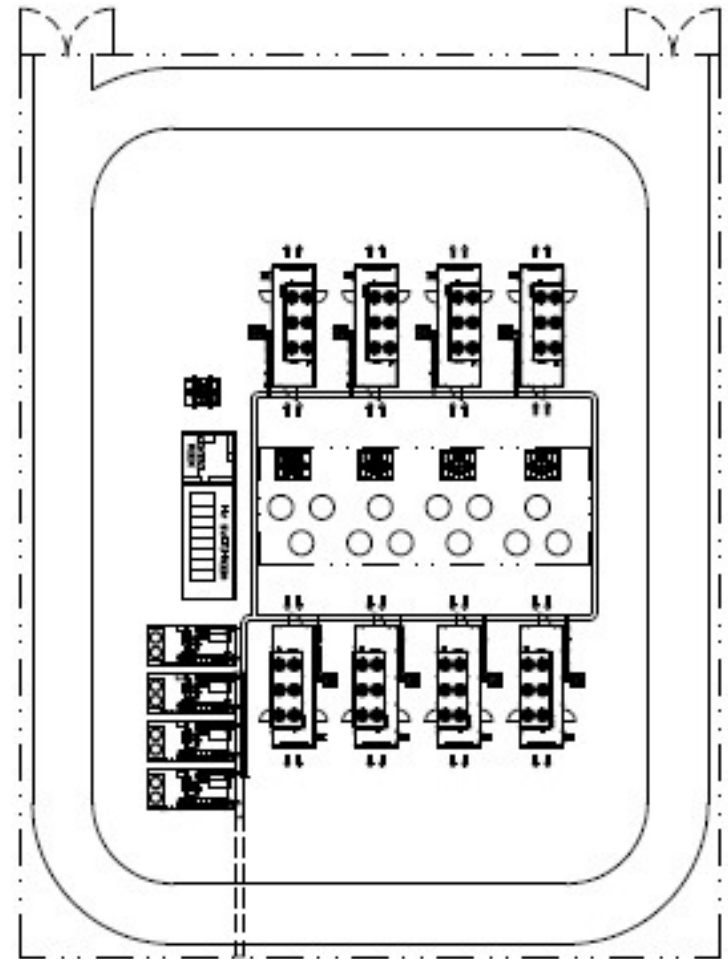


- 40 new vertical extraction gas wells completed in November and have been online for 3 months (stage 2/3)
- Four knock out pots installed which aid the with condensate management on-site
- Currently in the design planning stages of the next phase of gas field infrastructure in stage 3 and 4 - works to commence this financial year

Operations Update

Gas Plant Expansion

- Install and operate 8 new landfill gas generator modules to manage landfill gas, maximise the potential energy production and assist in sustainable waste management.
- Expansion to be conducted in two stages:
 - 4 generators planned to be purchased in June 2020 and operational in June 2021.
 - Remaining 4 generators approx. 2 years later.
- Utilise the same generators as currently installed.
- Generators to be located alongside the existing facility.



Operations Update

Litter nets, and capping

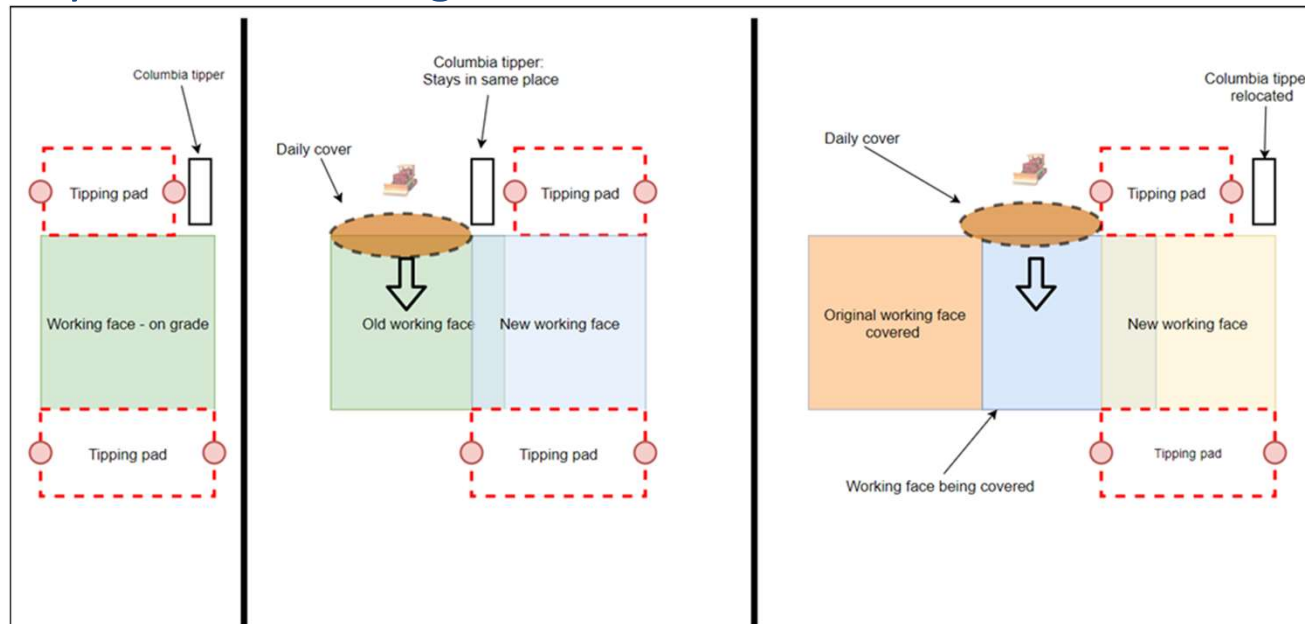
- Currently filling in Cell 4B-2 (lift 3) and bales being stacked at the top of Cell 4B-3. Bales are surrounded by a bunded wall
- Litter nets have been re-secured with metal clips along the base of the nets surrounding the active cell
- 12 m perimeter nets installed along the southern boundary of site



Operations Update

Working Face Management Plan

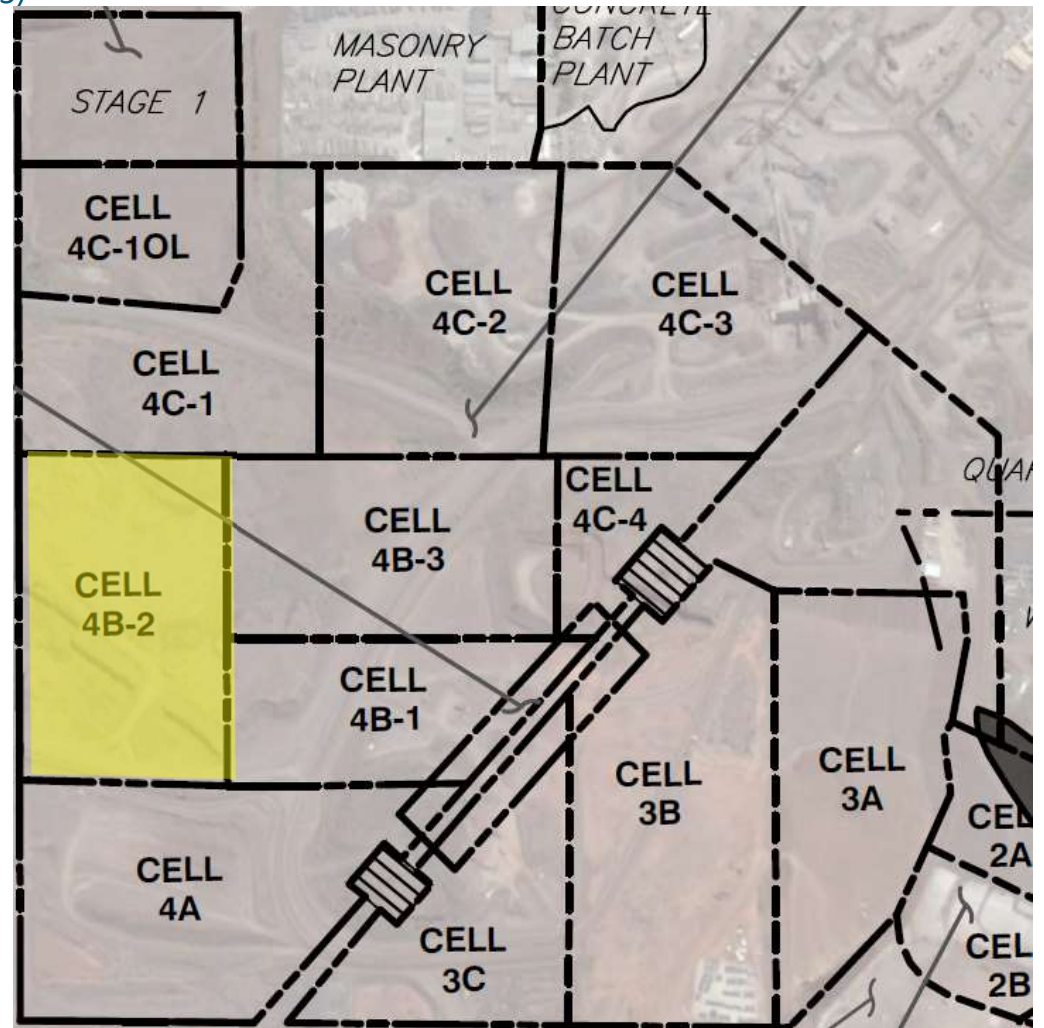
- Key Objectives – Safety, Odour, Litter & Vermin
- Waste Compaction- life of landfill, odour reduction, settlement and stability
- Technology - (Visionlink) – Field planning, compaction, Face size
- Face measurement - 3 times a day
- Odour surveys and complaint response
- Boundary dust monitoring – 9 locations to commence March 2020



Operations Update

Cell 4B2 Cell Completed

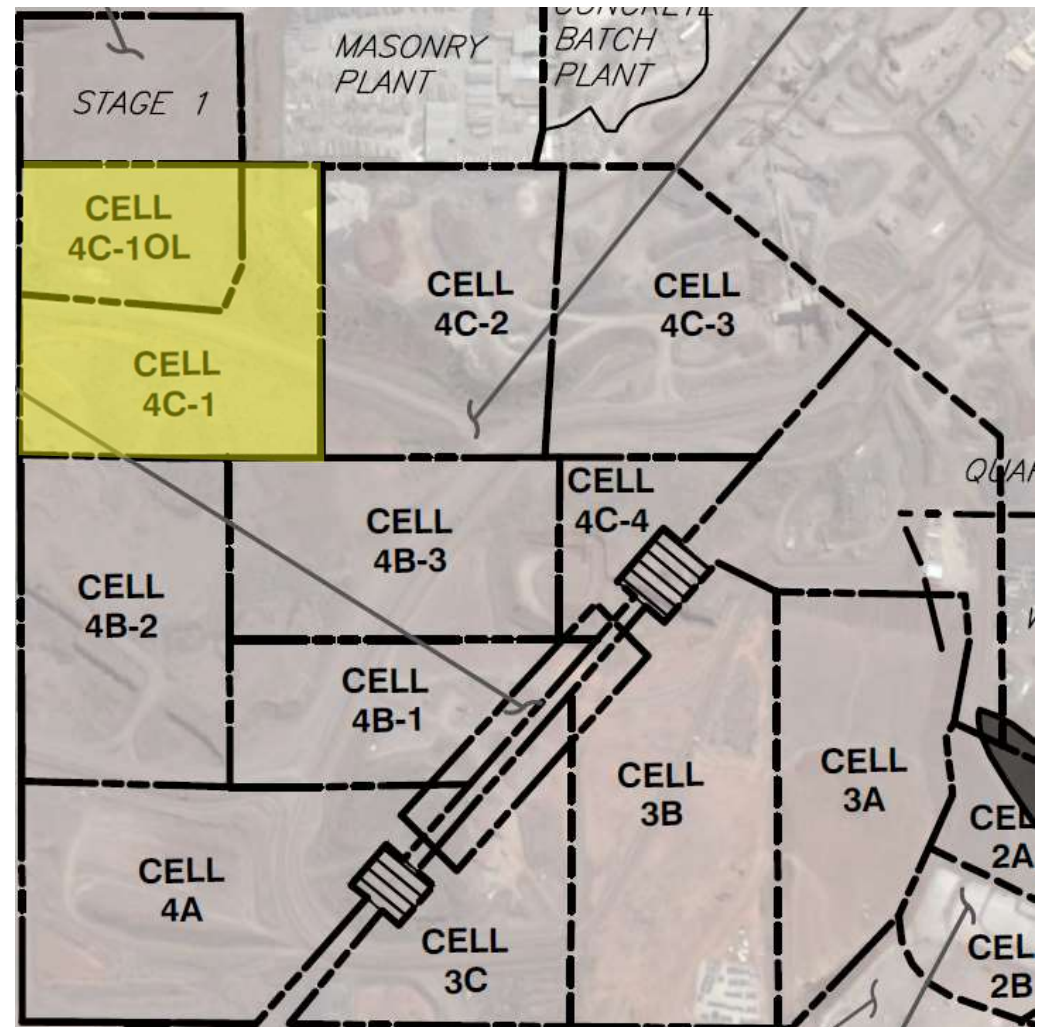
Construction completed in mid December and currently filling (lift 3)



Operations Update

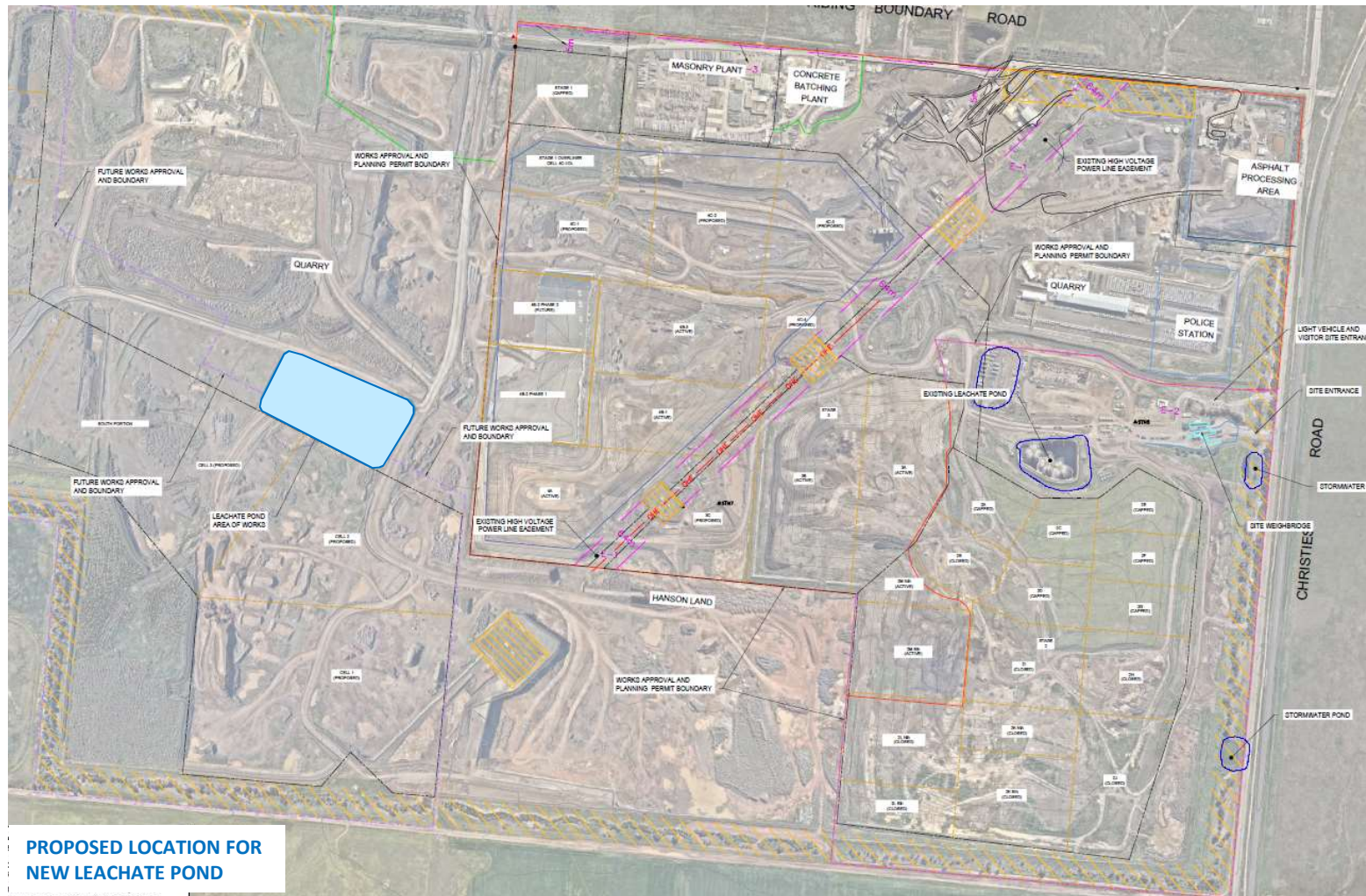
Current Cell Construction – Cell 4C1

- Sub-grade of cell complete with 500mm clay layer currently being placed
- Cell expected to be constructed and Licenced by July 2020



Leachate Pond

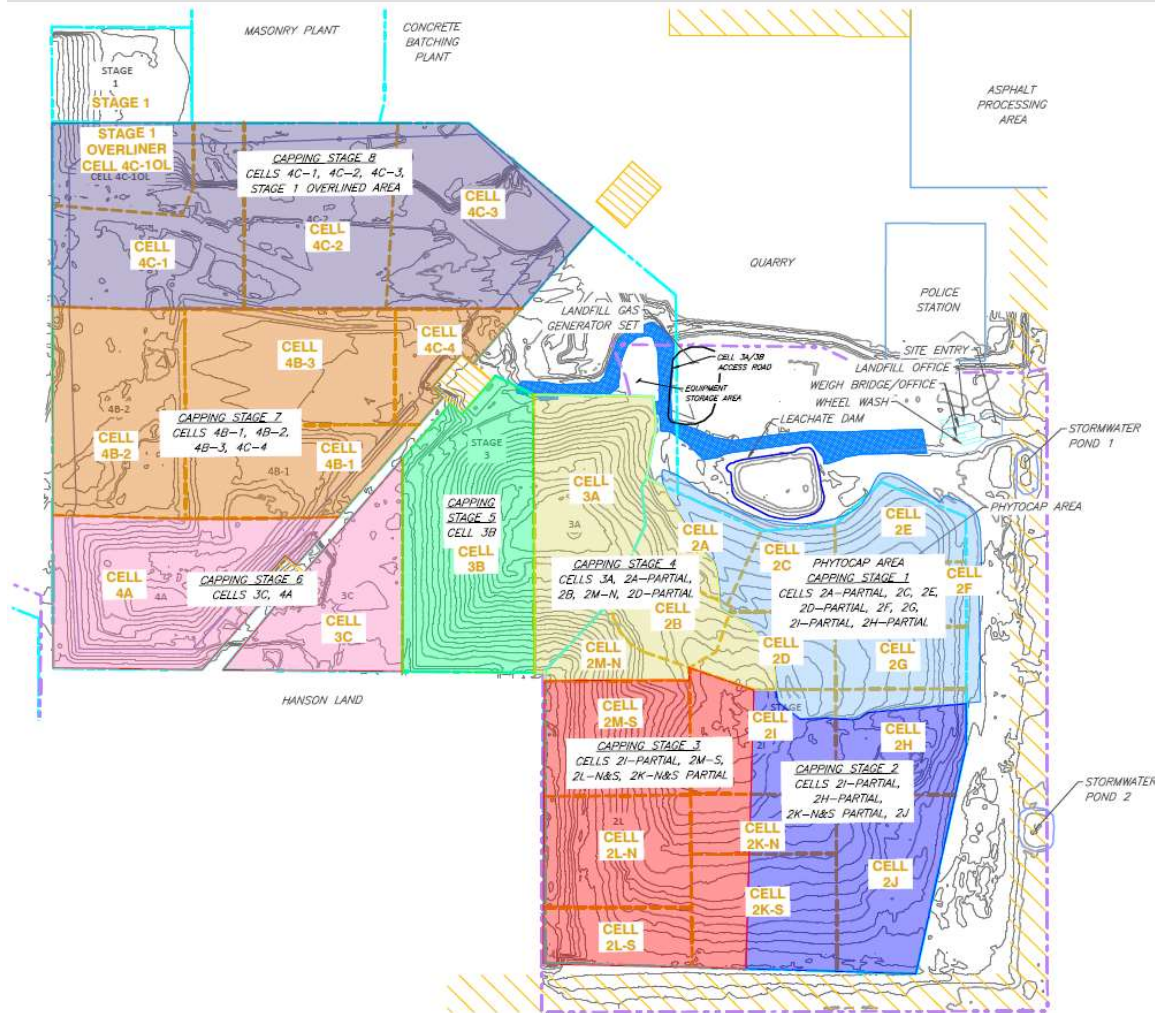
New leachate pond construction to commence May 2020



**PROPOSED LOCATION FOR
NEW LEACHATE POND**

Operations Update

Rehabilitation Plan





Home Safe

We take responsibility for our personal safety, as well as that of our team. We are committed to Goal Zero, because everyone deserves to go Home Safe, every day.



Stronger Together

Building from a place of strength, we are focused on creating something stronger than the sum of our parts each and every day.



Integrity

We do the right thing – no matter what. Holding ourselves to higher standards, we say what we mean, and we do what we say.



We Make A Difference

We are proud of what we do to make a sustainable future possible – for our employees, our customers, our investors, the communities in which we work, and the planet.