

Project	Hydro Kurri Kurri site redevelopment project	From	Alysia Norris
Subject	Community Reference Group Meeting	Tel	1800 066 243
Venue/Date/Time	Thursday 2 May 2019 Hydro Aluminium 6pm – 7pm	Job No	2218982
Copies to	All committee members		
Attendees	Mr Richard Brown – Managing Director, Hydro Kurri Kurri (RB) Mr Andrew Walker – Hydro Kurri Kurri Project Manager (AW) Mr Kerry McNaughton – Environmental Officer, Hydro Kurri Kurri (KM) Mrs Kerry Hallett – Hunter BEC (KH) Mr Allan Gray – Community representative - Retired Mineworkers (AG) Mr Iain Rush – Cessnock City Council (attending for Martin Johnson) (IR) Cr Darrin Gray – Cessnock City Council (DG) Mr Brad Wood – Community representative (BW) Mr Rod Doherty – Kurri Kurri Business Chamber (RD) Mr Andrew Neil – Manager Strategic Planning, Maitland City Council (AN) Ms Debra Ford - Community representative (DF) Mr Michael Ulph – CRG Chair, GHD (MU) Ms Alysia Norris – Minutes, GHD		
Guests/observers	NIL		
Apologies	Cr Robert Aitchison – Maitland City Council (RA)		
Not present	Ms Tara Dever – CEO Mindaribba Local Aboriginal Land Council (TD) Mr Bill Metcalfe – Community representative (BM) Mr Mark Roser – Strategic Planner, Maitland City Council (MR) Mr Toby Thomas – Community representative, Towns with Heart (TT)		

Table of Contents

1	Welcome and Acknowledgement of Country	3
2	Meeting agenda	3
3	Welcome and meeting opening	3
4	Last meeting minutes	3
5	Project update	4
6	CRG questions and answers	23
7	General business.....	26
8	Meeting close	29

Notes

Action

1 Welcome and Acknowledgement of Country

Meeting commenced at 5.58pm

Michael Ulph (Chair) (MU)

Acknowledgement of country.

Introduction of people at the table.

Alysia Norris from GHD taking minutes.

2 Meeting agenda

- Welcome and meeting opening
 - Apologies
 - Declaration of pecuniary interests
 - Acceptance of minutes from the last meeting
 - Project update
 - CRG questions and answers
 - General business
 - Next meeting and meeting close
-

3 Welcome and meeting opening

MU welcomed attendees and noted apologies.

MU asked those present to declare any pecuniary interests.

None besides paid staff from GHD and Hydro.

4 Last meeting minutes

MU: So the next item is to consider the last minutes. Were there any actions or items that need to be clarified or changed in the last minutes?

AG: Couldn't see any there, but I'll move that they be adopted.

MU: Thank you Alan, can I have a seconder?

RD: Yeah, I'll do that.

MU: Thank you Rod.

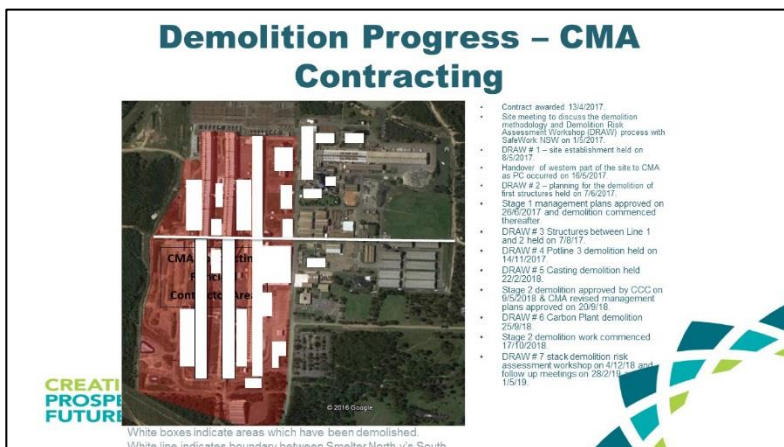
AG moved the minutes.

RD seconded the minutes.

5 Project update

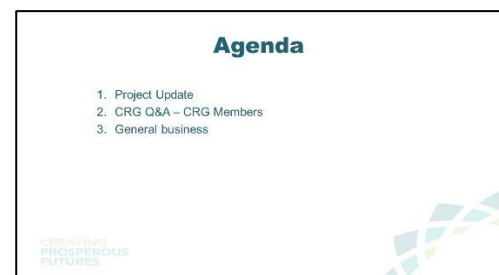
MU: OK, we'll pass over to Andrew then who's going to give us a project update.

AW: So since the last meeting in February, CMA have started demolishing some buildings in the carbon area so the rodding shop and the bake furnace scrubber and also just at the south side of the green mix / paste plant.



They have also progressed with the stage two works which is the below ground demolition and we have done quite a lot in the pot room area – that is the footprint of the former pot room buildings.

So these are just a few shots of the carbon plant demolition, so this is the rodding building looking east to 7A furnace, so that building there will be demolished, we are currently storing process waste in there which has to go into the containment cell so that will be one of the last buildings to be demolished.



Another view of the rodding area looking south towards the greenmix on the left and water tower on the right. In the pot rooms, we have finished all the above ground demolition on Line 1.

CMA are just tidying up this roadway, there was some blockwork here that was loose, so we trimmed that back. This was something that was interesting, this is one of the concrete floor beams in Line 1 and where they did the final cut, the reo is still magnetised from the magnetism that was caused by the electrolysis process, so that was an interesting observation.

Demolition Progress



Concrete Crushing Area (28/2/2019)

The crushing contractor I think last meeting we mentioned that they established on site, that was in January, they are well advanced and progressing quite well with the concrete crushing. When this photo was taken they were in the middle of the site, they've now moved to the southern end of the site.

They've also got a screen which is a 40mm screen, because the product that we want, that's specified in the contract is minus 40mm. The concrete goes through a jaw crusher then through a screen, the fines go one way and the over-size goes back through the jaw crusher.

These are some of the finished stockpiles, 40mm minus concrete, which CMA are using to backfill the voids from the foundations, and then on top of that we put some soil material which you can see here and later on we will be hydro-seeding that just so we can grow grass there and reduce any dust emissions.

That's back at the carbon plant a little bit later so all of the rodding area is now gone, by the middle of March, that's the butt breaker and hydraulic cylinder there, still to come out.

Demolition Progress



North ramp and 29A/C Control Room Final Detail (27/2/2019)

Demolition Progress



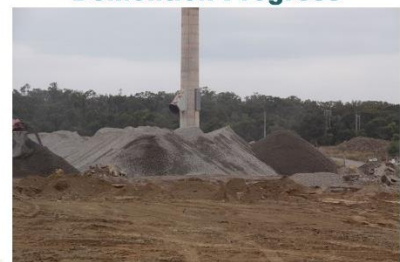
Magnetised reo in Line 1 (27/2/2019)

Demolition Progress



Concrete Crushing and Screening (7/3/2019)

Demolition Progress



Crushed Concrete Stockpiles (7/3/2019)

Demolition Progress



Carbon Plant Separation between 8A and 5A/6A/7A (14/3/2019)

This is where they did the separation between the rodding area 8A and bake furnace 7A along that column line.

We have also had another contractor working on site, so Coopers Environmental and their subcontractor Marrickville Metals who specialise in transformer removal, they removed the last four transformers from line 1, they had to take the lids off onsite and transport them separately because the units were so tall, to get them to fit, under bridges and other obstacles on the way to Sydney so these had to be removed here onsite.

That's the last transformer, on that day the 14th March.

Demolition Progress



Demolition of FE201 Coke Silo (21/3/2019)

This is just a shot of the coke silo being demolished in the carbon plant, a similar method to the way the aluminium silos were done.

We have also found more asbestos, this time it was in the line 2 basement slab, which is only a very thin concrete slab, about 100mm thick, and the asbestos was actually embedded in the underside of the concrete, so it wasn't worth trying to remove it with jackhammers. We didn't want to take the risk of there being some asbestos left and getting put through the crushers so that's

Demolition Progress



8A & 24A Demolished – Butt Breaker & Hydraulic Cylinder Visible (14/3/2019)

Demolition Progress



Line 1 Transformer Lid Removal (14/3/2019)

Demolition Progress



Last Line 1 transformer leaving site (14/3/2019)

Demolition Progress



Line 2 basement slab north of 44B crane maintenance bay (22/3/2019)

all been taken to the early works stockpiling area on Dickson Road.

Demolition Progress



Demolition of 6A Vibrator Area (27/3/2019)

This is the carbon plant in late March so they have now started demolishing the 6A building which is where the two vibrators were, and the water cooler, where we made the green anodes.

CMA have also now started removing the foundations of Potine 1 and we had a bit of good news there, because there was no asbestos found on any of those foundations. So far they have done about a quarter of the pot line and haven't found any asbestos which is good news. They were all actually wrapped in plastic so we think they just, looking at the old construction photos they just dug a hole, they didn't actually use formwork, and they just poured mass concrete footings and some of the footings don't have any reo in them and that was the original design, it's a very coarse aggregate, high strength concrete they used, so that should speed up the progress on Line 1 because there's no asbestos and also with some of them not having reo it could get crushed quicker.

So once the foundations are removed from Line 1 we still have this fume duct which is like a rectangular box culvert. CMA have been saw cutting either side of the asbestos joints, and that's what's happening here, that's after they're cut, so this is showing the section that's cut, so there's no asbestos in this piece here, but this piece which is the branch duct that went out to the riser leading to the scrubber duct work, there is asbestos in that, so that will be removed, there is a cut there and a cut there, and that's the asbestos joints so they'll be removed and taken to a

Demolition Progress



Bonded asbestos in underside of Line 2 basement slabs (22/3/2019)

Demolition Progress



Removal of Line 1 foundations (4/4/2019)

Demolition Progress



Line 1 foundations (4/4/2019)

Demolition Progress



Saw cutting of Line 1 fume duct culvert (9/4/2019)

storage area on the north side of the carbon plant and that will go into the containment cell.

Demolition Progress



Line 1 fume duct culverts after saw cutting (10/4/2019)

That's the clean section, free of asbestos and it's been cleaned out of any alumina. The alumina is removed because of the risk that it could have contained some asbestos that's also going down to the early works stockpiling area.

The foundations of Line 1 are also a lot easier to handle with a smaller machine, a 30 tonne excavator can manage them, whereas with Lines 2 and 3 we had to use the 160 tonne machine to manage them. This photo shows towards the end of April looking at the carbon plant the coke silo is gone, the butt silo, the Greenmix scrubber, so they are working their way around all of the smaller buildings and they will start demolishing the actual tower, the greenmix tower later on.

Demolition Progress



Aerial view of site (24/4/2019)

And this is an aerial view of the site that was taken on 24th April, you can see the large footprint has been cleared, a lot of the stage two works are now finished, they're just

crushing the last few stockpiles of concrete, to the south here and

Demolition Progress



Saw cutting of Line 1 fume duct culvert (9/4/2019)

Demolition Progress



Line 1 fume duct after cleaning (15/4/2019)

Demolition Progress



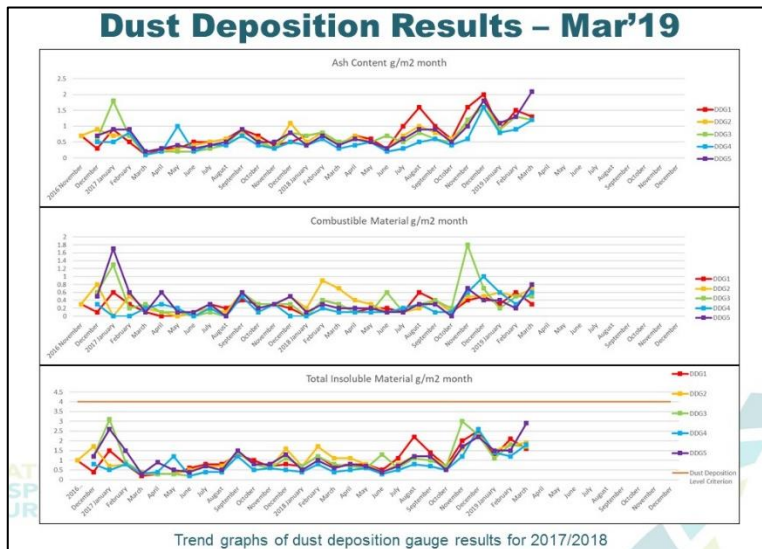
Line 1 footings smaller and easier to handle (15/4/2019)

Demolition Progress

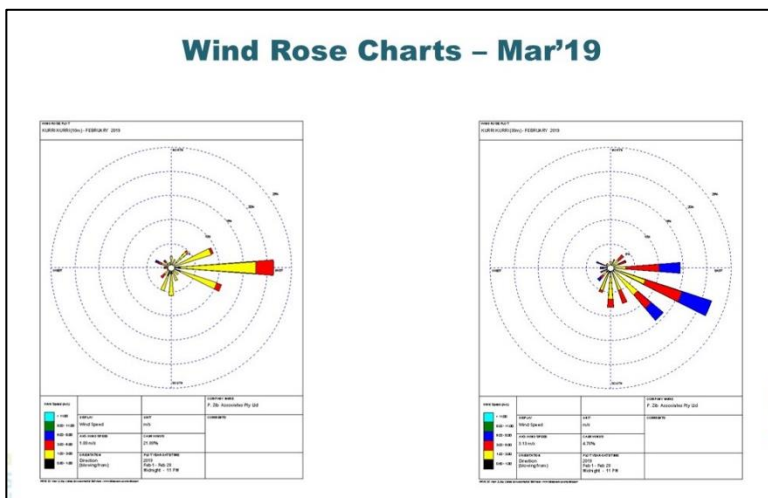


Carbon Plant following removal of FE201 Coke Silo & FE102 Butt Silo (23/4/2019)

they are working their way up the line one footprint, so they are currently about here and they'll keep going north.



These are the latest dust emission results that Kerry looks after, so ash, combustible and then total insolubles, they are below the limit of four grams per square metre.



This one was a bit high, which is sampling point number five and ties in with the wind direction coming from the east south east, there were fines over in this direction so there has been a lot of activity and work happening here as well as the early works stockpiling.

CMA are doing a good job on dust suppression so we will just keep monitoring that but like I said before our intention is to hydro seed here so that we can reduce dust emissions and get some grass growing there.



Early Works Remediation



Aerial photograph of Hart Road Municipal Landfill (7/2/2019)

Due to a recent change in the POEO Act, EPA approval was required for exhuming the old municipal landfill on Hart Rd (normally an approved RAP is sufficient for Cat 2 remediation under SEPP55). Approval was received on 1/2/2019, with some of the conditions as follows:-

- To be undertaken in accordance with the RAP, the signed CMA work method statement & CMA emergency response plan
- Works to be overseen by an appropriately qualified environmental scientist and occupational hygienist
- Storage of any asbestos waste to be wetted down with water
- Once all waste has been exhumed the stockpiling area on Dickson Rd is to be suitably covered
- Plastic lined vessel to be available at the landfill in case of an unexpected finds of hazardous chemicals (eg. leaking drums of organo-chlorine pesticides)

Cessnock City Council approved the traffic management plans for Hart Rd & Dickson Rd on 30/1/2019.

Moving onto the early works remediation, last meeting I put this slide up showing the municipal landfill. Because of changes in the POEO Act we had to get approval from the EPA and they had these conditions of consent which we have been following, so doing the work in accordance with the RAP and the signed CMA work method statement and their emergency response plan.

The work is being overseen by a qualified environmental scientist from Ramboll. The asbestos waste has to be wetted down with water and once all the waste has been resumed, which is where we are up to now, it goes to the stockpiling area which has been progressively covered which we'll see that a bit later on, and we also have a plastic lined vessel for if we find any unexpected finds.

Because it's an old landfill they were concerned about organo-chlorine pesticides like DDT, but we haven't found any of those substances, and we have been working our way from south to north and Ramboll have been taking samples and then progressively validating, and we are now at the stage where the whole thing is fine, it's come back clear, it's validated so they should start back filling, which should start back there next week.

So these are just a few photos, these are the rumble grids at the municipal landfill, this one is for dry weather, this one is for wet weather, so if we get rain they wash the wheels of the trucks down with a high pressure water blaster and capture the sediment in a basin underneath here.

This is just a photo showing some of the waste. It's mainly glass bottles, this was a putrescible waste landfill and it was kept on fire, any food, paper or wood is gone, but there's glass that's remaining, there is also asbestos there, both bonded and friable, so CMA are treating it as friable and taking the appropriate precautions they have sprinklers set up, they are wearing full asbestos PPE as are their asbestos workers, which is Astech and

Early Works Remediation



Rumble grids installed at Hart Rd Municipal Landfill (21/2/2019).

Early Works Remediation



Waste visible at Hart Rd Municipal Landfill (25/2/19).

Hazmat their hygienists, and Ramboll, they're all wearing asbestos PPE whenever they're in that area. At this stage we hadn't actually started digging down into the waste so the asbestos controls came into effect after that.

This is just showing some of the asbestos here, that's bonded, this is when we started loading it out, so from the first of March we started loading out the waste.

Early Works Remediation



Wheel washing at Hart Rd Municipal Landfill (4/3/19).

This must have been after some wet weather, this is at the entrance, they had to use high pressure water blasting to clean the wheels, they also spray with a 'gerni', as the truck's being loaded, to keep the dust down.

This is the southern end of the excavation about a week later, progressing northward. This is the main person from Ramboll office overseeing the work, taking samples.

This is a bit later on, on the eleventh of March, this is the stockpiling area on Dickson Road so you can see this is just near the SPL sheds, we've got rumble grids, one for dry weather one for wet weather, and progressively covering the stockpile with geotextile as we go.

This is an aerial shot, so we've got enough space here to store up to thirty thousand cubic metres so it's a bit over half full, I've got some numbers later on to show where we are up to. This is after we did get some rain, so the rain won't really affect us cause it's so sandy up there, we're digging out an old tributary of Swamp Creek, and the water disappears pretty quickly, we have sediment fencing down at the end, just to capture runoff, again we can see after the rain.

Early Works Remediation



Bonded ACM visible in waste at Hart Rd Municipal Landfill (27/2/2019).

Early Works Remediation



Ramboll taking validation samples at Hart Rd Municipal Landfill (8/3/2019)

Early Works Remediation



Load out of waste from the southern end of Hart Rd Municipal landfill (1/3/2019).

Early Works Remediation



Early Works Stockpiling Area (19/3/2019)

Early Works Remediation



Hart Rd Municipal Landfill (11/3/2019)

We had a visit from the EPA on the twenty second of March - a local officer from Newcastle, she was happy with what she saw, she looked at the stockpiling area and municipal landfill, she was satisfied with what she saw. So this was on that day, twenty second of March.

Early Works Remediation



Early Works Stockpiling Area (mid-April)

Early Works Remediation



Hart Rd Municipal Landfill (19/3/2019)

Early Works Remediation



EPA visit (22/3/2019)

Early Works Remediation



Wheel Washing at Early Works Stockpiling Area (22/3/2019)

Early Works Remediation



Hart Rd Municipal Landfill (22/3/2019) - note IBC for unexpected finds.

That's the IBC that we keep nearby in case there are any unexpected finds. We've also had our site auditor Ross McFarland out on a couple of occasions, he was there on the sixteenth April inspecting the municipal landfill, he was happy with what he saw. So he's the person who ultimately signs off that it's

been remediated, so Ramboll do a validation report which goes to Ross, and then Ross has to produce the site audit statement.

Early Works Remediation



Western stockpiles (15/4/2019) – area will be completed this week.

This is another location that we are remediating, this is 1 Horton Road which is on the corner of Horton Road and McGarva Avenue on the southern side of the expressway, we found a lot of buried waste there, building materials, and more asbestos. Another job that we've got the early works team doing, is there are some stockpiles on the south western corner of the site, they were put there when we remediated residential parcel one, about four years ago, and we'd rather just consolidate all of the asbestos contaminated soils in one area, so we are moving that to Dickson Road and that means all of the area can be signed off and validated by the site auditor. There's all this waste here from the clay borrow pit remediation in 2015 and we're moving that as well within the next six months. Another problem site we have is 2 Dawes, which is next door to you Brad.

BW: Yeah.

AW: There's a lot of buried asbestos there and we've been scratching our heads as to what to do, we started doing bulk removal but started to go way over target on volumes for the cell, we did this in some areas and it was needed, where we hit a hot spot where there is buried waste from an old shed. We also tried raking some areas, which is ok if it's just surface contamination but if you detect a deeper deposit we still have to dig it out anyway, so the raking would work but its very time consuming. We did a trial with a screen which is called a flip screen, so it

Early Works Remediation



Visit of EPA-Accredited Site Auditor (15/4/2019).



Early Works Remediation



Large deposit of buried waste including ACM found at 1 Horton Rd (5/3/19).

Early Works Remediation



Raking trial at 2 Dawes Avenue (6/3/2019) – successful but time consuming.

Early Works Remediation



Flip Screen Trial at 2 Dawes Ave (11/4/2019) – successful but slow if material is wet.

rotates that way to remove the fines then it rotates in the opposite direction to empty out the coarse, so that works ok if the material is dry but after the rain it was slowing it down, it was getting clogged up.

BW: Are you looking for asbestos in that are you?

AW: Yes asbestos.

BW: What are you going with the all the dust that comes out of it? Like is there any dust suppression, you are saying that if its wet it doesn't work very well, so you know, there is a lot of fines coming out of that.

AW: We had CMA bringing the water truck around wetting the ground, there's a guy there with a gerni who is spraying to reduce dust.

BW: I didn't see it.

RB: The asbestos there is bonded so it's not the friable airborne type asbestos and that's what we have been looking at, the process of trying to validate so that screen actually removes the asbestos.

BW: But getting tumbled around in that surely it would break it up, wouldn't it?

RB: No it wouldn't, because that's part of the validation process, it actually goes through that six mm screen, and that's pretty slow, that's a pretty fine screen and then we sampled stockpiles that have come through and there's no asbestos in it. So its collecting all of the asbestos in that plus six mm fraction which is obviously not going to float around. So touch wood that's going to be a good solution and as Andrew is probably going to indicate we are still evaluating whether that's a viable option to do that whole area in and behind you and beside you basically that whole 2 Dawes and 4 Dawes needs to be done in some form of clean-up like that.

BW: So the asbestos that would be here, is getting tumbled around in there.

RB: It doesn't break down, that's one of the things that the auditor actually looks at, he looks at the asbestos particles and says is there clean fracture surfaces, cause they're really concerned, one of the things that he was concerned about, we talked about before we got into it, is that there's these trommels, you see them go along the beach, they pick up rubbish on the beach, they actually just roll and roll and roll, and the action there actually has a tendency to break particles open, so he was concerned when he saw this, you know that it might have the same impact, and he





said 'well, do the test', which is what this all is, 'do the test and see if you actually get any asbestos goes through the screens, and then what the quality of the asbestos is like', cause it might be that there's enough energy in the screening process to start breaking it apart, and so far that's what we have seen. We have to satisfy him that we are actually not creating a problem by doing it this way.

BW: Right

AW: We are actually looking at using a screen like we have on site (a vibrating screen) and having two decks, one at say twenty five mm and another one at six mm.

BW: Right

AW: because with this one we have to change the screen over and have two goes at it. With the vibrating screen deck we just put it all through in one pass.

RB: As you know Brad, the screen decks move horizontally so there is less chance of there being material impacted on itself, and breaking up and that is what Ross kind of indicated to us, he's seen in sites like this complex where they've got lots of soils and got lots of little bits of asbestos and that screening process can work, doesn't always work, depends on the age of the asbestos and the nature of it, but it's a possibility for us.

RD: So this asbestos is what, is from old houses and sheds?

AW: Yeah old houses and sheds that kind of stuff, demolished by machines driving over them and pushing the asbestos into the ground, the other problem is that it's a very sandy site, so using heavy machines pushes the asbestos further down. We need to use lighter tracked machines.

BW: So how many years are you going to be at that for you reckon, it's pretty bloody slow isn't it?

AW: Not much longer because we just needed to evaluate with these different methods, but once we settle on a method it should be really quick. We just left it to the end, we are finishing off all of the other sites.

RD: Just a question on that municipal site, either ask it now or ask it at the end at question time?

MU: Ask away.

RD: There's been a bit of rumbling out in the community with people saying what the hell's been going on there, why are all these trees being knocked down and whatever, and is there any signage up there at all to let them know that it's an old municipal

site? And the other question I ask, and I know when we discovered a municipal site a couple of years ago, has Council accepted any responsibility for that yet?

RB: The answer is no, to both those questions. There's signage up there to say there's works undergoing but there's no specific signage to say what it was.

RD: Yeah cause people in the community drive past there and I've had no complaints or anything, I can speak for Darrin too, no complaints from Laurie, on the corner, and there's another house there too isn't there.

KM: We notified Laurie.

RD: And there's another house there too isn't there?

KM: Yeah we did the door knock.

AW: We notified the neighbours.

RD: We've had no complaints from them?

KM: Yeah so all the immediate neighbours were notified.

RB: But then, in terms of whether there's been any notification, what it is apart from this forum and the public forum.

RD: I mean everyone does 80kms an hour up Hart Road and whinging about trees being cut down and they don't know what's going on so I would have, well they probably wouldn't read it anyway.

KH: You don't want them to read it, they'd run into someone.

RB: And then you were asking a question about the Councils. Apart from way back when, you know, when we first started identifying that this was there, we didn't really know at first, and we started enquiring with Council. In the first instance it was "no it doesn't exist" and of course we went out and did the test with Council there then it was "oh yeah, oh ok we see what you mean now, but it's yours. And we've looked back through our sales contracts and everything and it's ours, we bought it, so we are responsible for it. Lucky us.

AW: Ramboll are doing more validation sampling. This was the diesel spray area which was where diesel was sprayed onto anode rods and some of it leaked onto the ground it's all been validated and backfilled now, I mentioned that and showed some photos last meeting, it's all finished, it's probably hard to read but I just wanted to show, these are all the sites we are working on, it's over a dozen sites, the big ticket item is the municipal landfill, we've removed over 15,300 tonnes, 2 Dawes we are up to 2,700





tonnes, and 8 Bowditch which was a really bad area, 1,600 tonnes, 14 Bowditch 1,100 tonnes, these were old chicken sheds and there's a lot of asbestos in the ground and other buried waste, old cars and things, and the western stockpiles turned out to be 12,000 tonnes, they will be finished this week.

We are going to backfill the municipal landfill. We have some material that was left over from the Hunter Expressway construction, it's from our land where the freeway went through our buffer zone, it was left there by Abi Group, its similar material in nature, it's very close to the type of natural material that is surrounding the municipal landfill, we are going to use that material because its already been certified as ENM by Ramboll, so there will be a level site. So there's quite a lot of work going on, and so far we are up to, the plan was 38,000 tonnes, we are nearly at 36,000, so just under 2,000 but we are going to go over because of this lot 422 down the road here, we have found a lot more material there than we were expecting, and a few of these other sites that I have mentioned, there's been a lot more waste there, so once we have finished this land will be probably the cleanest land around Kurri, but yeah it's a big job.

On the main remediation contract, so we've been keeping people up to date, so our tender closed on the eleventh of April and we are just currently evaluating tenders that have come back, and we expect to award in late May or early June. There's two separable portions, there's portion one it's just like the pre-works and establishment on site and some early works that can happen, prior to getting the approval. But we can't start any of the actual main works constructing the cell or moving the waste until we get the approval from the Department of Planning.

I'm going to hand over to Richard now and see if anyone has any questions.

RB: Thank you Andrew, it's only a couple of slides. So just up there on the main approval for the remediation project, we submitted the RTS to Planning back at the start of March, they circulated that to various agencies and their own internal consultants to review the reports. Basically we got everything back as I understand it apart from Maitland Council and the EPA which they were having some discussions with today, so I expect that those submissions from those agencies and the final position from the EPA will be resolved within the next week or so, and then that commences Planning's, you know drafting of their recommendations from there, so, getting close.

RB: On the spent pot lining recycling, this is just showing by month the amount of material that's been dispatched from site for

Early Works Remediation

Plant Site - Not Wagered and Location

Material	Quantity (t)	Location	Material	Quantity (t)	Location	Material	Quantity (t)	Location	Material	Quantity (t)	Location
1. Chicken shed	1,600	1.600	2. Chicken shed	1,100	2.100	3. Chicken shed	1,100	3.100	4. Chicken shed	1,100	4.100
5. Chicken shed	1,100	5.100	6. Chicken shed	1,100	6.100	7. Chicken shed	1,100	7.100	8. Chicken shed	1,100	8.100
9. Chicken shed	1,100	9.100	10. Chicken shed	1,100	10.100	11. Chicken shed	1,100	11.100	12. Chicken shed	1,100	12.100
13. Chicken shed	1,100	13.100	14. Chicken shed	1,100	14.100	15. Chicken shed	1,100	15.100	16. Chicken shed	1,100	16.100
17. Chicken shed	1,100	17.100	18. Chicken shed	1,100	18.100	19. Chicken shed	1,100	19.100	20. Chicken shed	1,100	20.100
21. Chicken shed	1,100	21.100	22. Chicken shed	1,100	22.100	23. Chicken shed	1,100	23.100	24. Chicken shed	1,100	24.100
25. Chicken shed	1,100	25.100	26. Chicken shed	1,100	26.100	27. Chicken shed	1,100	27.100	28. Chicken shed	1,100	28.100
29. Chicken shed	1,100	29.100	30. Chicken shed	1,100	30.100	31. Chicken shed	1,100	31.100	32. Chicken shed	1,100	32.100
33. Chicken shed	1,100	33.100	34. Chicken shed	1,100	34.100	35. Chicken shed	1,100	35.100	36. Chicken shed	1,100	36.100
37. Chicken shed	1,100	37.100	38. Chicken shed	1,100	38.100	39. Chicken shed	1,100	39.100	40. Chicken shed	1,100	40.100
41. Chicken shed	1,100	41.100	42. Chicken shed	1,100	42.100	43. Chicken shed	1,100	43.100	44. Chicken shed	1,100	44.100
45. Chicken shed	1,100	45.100	46. Chicken shed	1,100	46.100	47. Chicken shed	1,100	47.100	48. Chicken shed	1,100	48.100
49. Chicken shed	1,100	49.100	50. Chicken shed	1,100	50.100	51. Chicken shed	1,100	51.100	52. Chicken shed	1,100	52.100
53. Chicken shed	1,100	53.100	54. Chicken shed	1,100	54.100	55. Chicken shed	1,100	55.100	56. Chicken shed	1,100	56.100
57. Chicken shed	1,100	57.100	58. Chicken shed	1,100	58.100	59. Chicken shed	1,100	59.100	60. Chicken shed	1,100	60.100
61. Chicken shed	1,100	61.100	62. Chicken shed	1,100	62.100	63. Chicken shed	1,100	63.100	64. Chicken shed	1,100	64.100
65. Chicken shed	1,100	65.100	66. Chicken shed	1,100	66.100	67. Chicken shed	1,100	67.100	68. Chicken shed	1,100	68.100
69. Chicken shed	1,100	69.100	70. Chicken shed	1,100	70.100	71. Chicken shed	1,100	71.100	72. Chicken shed	1,100	72.100
73. Chicken shed	1,100	73.100	74. Chicken shed	1,100	74.100	75. Chicken shed	1,100	75.100	76. Chicken shed	1,100	76.100
77. Chicken shed	1,100	77.100	78. Chicken shed	1,100	78.100	79. Chicken shed	1,100	79.100	80. Chicken shed	1,100	80.100
81. Chicken shed	1,100	81.100	82. Chicken shed	1,100	82.100	83. Chicken shed	1,100	83.100	84. Chicken shed	1,100	84.100
85. Chicken shed	1,100	85.100	86. Chicken shed	1,100	86.100	87. Chicken shed	1,100	87.100	88. Chicken shed	1,100	88.100
89. Chicken shed	1,100	89.100	90. Chicken shed	1,100	90.100	91. Chicken shed	1,100	91.100	92. Chicken shed	1,100	92.100
93. Chicken shed	1,100	93.100	94. Chicken shed	1,100	94.100	95. Chicken shed	1,100	95.100	96. Chicken shed	1,100	96.100
97. Chicken shed	1,100	97.100	98. Chicken shed	1,100	98.100	99. Chicken shed	1,100	99.100	100. Chicken shed	1,100	100.100

STATUS OF EARLY WORKS REMEDIATION PROGRESS AS @ 24/4/2019.

- ### Procurement Plan – Main Remediation Contract
- Procurement analysis finalised.
 - EOI issued on 22/1/2018 and closed on 28/2/18.
 - EOI submissions and meeting with shortlisted candidates.
 - Supplier qualification audits for the shortlisted companies completed (Jul'18).
 - Expecting to have a civil / earthworks / remediation company as the Principal Contractor with a specialist lining installer as a subcontractor to the PC.
 - Tender issued in Dec'18.
 - Tender documents included – scope of work, detailed design documents (including drawings, tech spec & others), draft AS2124 construction contract with amendments plus various project-related documents (eg. EIS, draft conditions of consent from DoPE/EPA and various Hydro management plans – WHS, EMP, asbestos management plan, etc).
 - Contract scope has two separable portions – SP1 is for works that can be done before approval is received and SP2 is for works that can only proceed after approval.
 - Tender closed 11/4/2019.
 - Expected award in late May / early June 2019.

- ### Environmental Impact Assessment for Stage 2 Demolition / Remediation DA (SSD6666)
- Response to Submissions (RtS) Report
 - Final RtS was submitted to DoPE on 1/3/19
 - DoPE has received feedback on RtS from all agencies/consultants except MCC and some further discussion required with EPA
 - DoPE to commence review and drafting recommendation
- http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=6666



the different contractors that we've got in place at the moment, it's reasonably evident, I suggest that recent contract that we've got in place is functioning well, so they're continuing to remove material off site.

KH: Can I ask a question while we're on that.

RB: Sure.

KH: I'm assuming you have assurances in place that when it goes off shore everything is being done legally.

RB: Yes.

KH: Bearing in mind the recent stories with the recycling stuff going overseas and the two illegal companies.

RB: Just go back to the other slide. That's a really good question. One of the things that we have done when awarding the contracts is to do an audit, in the country of receiving, and the facilities that are receiving the materials to ensure that they are legit, and beyond that, that they are acceptable to our standards, so that they are operating with the appropriate licences, and that we eyeball their, well not me personally, but a consultant, that we eyeball them to make sure that we are satisfied that they are not going to end up disposing of this material in some unlawful or environmentally irresponsible manner. The first contractor that we have engaged, their disposal outlet was marginal, so we allowed them to proceed on a trial basis, with the provision that there was a few items to get addressed, and potentially that's where that's at. We are still waiting for those items to be satisfactorily addressed, hence the client stopped works.

KH: Thank you.

RB: Probably just a couple of things I have no slides for. Just on the rezoning and divestments side of things, so you all know we're back in the marketplace we haven't put the For Sale sign up yet, we are probably focussing our energies a little bit on picking up the pieces around the rezoning and the masterplanning work. We've been in dialogue with Maitland and Cessnock Council about the rezoning process and best ways of proceeding with that, we're getting some good dialogue with both of those councils, and we think that both councils are reasonably happy with the material they need to address the gateway requirements and send that back to planning in the next little while.

We've got a meeting with both councils next week just to, I guess, identify if there's any discrepancies or any things we need to do just to finalise those issues.

Spent Pot Lining Recycling

- Processing agreement 'A' (local)
 - NO further material moved/processed
- Processing agreement 'B' (local)
 - Good progress to date.



AN: I think it's safe to say it's a much clearer path forward right now.

RB: Yep. On the divestment side of things, I guess we're looking at trying not to fall into a similar situation we have found ourselves in previously, and that means considering the whole strategic process that we have been through and will go through again about selling the site.

What's the right way of doing it, what do we feel comfortable about now versus what we've seen happen, but that requires a bit of head scratching. I was in Oslo a couple of weeks back to have some discussions with our M&A team and just to try and get our collective thoughts in place, but we are not really any further advanced with that, other than proceeding with the rezoning process, we think that with the containment cell approval imminent, that will also provide some much needed certainty around the divestment process as well, because that was really one of the major question marks that dragged that process out previously and that, what the approval looks like, would it be approved, what the conditions were, so with approval hopefully only a few months away that gives us a bit more certainty to take to a potential purchaser of the site.

That said, we're obviously looking at opportunities if they come along and starting to have some sort of nibbling discussions with different people around the place as well.

AG: The thing that Flow threw up there with the road to go in past the Tech off the back of Northcott Street, is that sort of thing being included in your new one? Because that would take a hell of a lot of traffic out of Heddon Greta.

RB: At this stage no, but that doesn't mean that at any stage in the future that's off the table, but the reason that Andrew said that it's a bit smoother going forward is that we have reverted more or less back to the plan that we had originally proposed, which was something that Planning and council were pretty comfortable with. So we didn't push the boundaries too far along those lines. You know those sorts of things, I guess are quite possible in the future, if someone comes along and has a good reason, and can justify what they do, I'm sure council would be open to those suggestions.

AG: Well that Northcott St, across there and across the bridge and picking up Wangara spine road.

RB: Traffic management is probably one of the key considerations for council.

AG: It would take a lot of that traffic going from Cessnock to Newcastle people wanting to get back here, the expressway and avoid Heddon Greta, probably worth councils keeping their eye on it anyway.

RB: And probably the last thing I wanted to say is around the stack demolition. So some of you, or a lot of you, would be aware that we are progressing towards doing the major stack demolition. There is a lot of interest in it, clearly, from the local community and for that reason we are really quite concerned around what that stack demolition looks like in terms of how we can control people around that activity which is inherently risky.

CMA have engaged specialist contractors who have got a wealth of experience doing these things and as we are guided by them and their experience it's going to be that when the stack demolition occurs, that the site will get shut down and basically isolated and on that basis, we will let people know it happened after the event.

We can't take the risk that if we were to promote this or advertise it in any way that we control the access to the site. It's such a big site and such an open site that we are very concerned that even people spectating from an area where they think is safe is actually within the exclusion zones identified by the demolition contractors.

BW: So about how close I am, are we right there?

RB: Yeah you're fine. Basically the exclusion zone is across Hart Rd, up here, and they go outside of the plant boundary to the south east, south west sorry. But it's not as far as your place.

AG: Do you need to close the Expressway?

RB: We don't need to close the Expressway. We've been having some dialogue with Police and the Traffic Management Centre and at this stage, their view is we don't need to do that. We will be closing Hart Rd for the period of time that they need to undertake the works. From what I understand, Andrew correct me if I'm wrong, it's only a couple of hours where that's actually shut down. They'll do their preparation works, obviously even to call it on the day is weather dependent, it is condition dependent. It's very difficult to say it's going to happen at precisely this day and time but when they do, that Hart Rd will be closed down. The access to the site will be limited to only people who are needing to be here. I won't be one of those people, I don't have any need to be here so I can't be on site. And then when it happens, it will happen, and then there's a process after the stacks are down where they've got to verify there's no unexploded charges and the site is safe to re-enter. And then the site will be re-energised because



essentially we shut the site down from a power perspective as well.

RD: There's plenty of viewing platforms.

KH: We'll just sit in our front garden and watch.

RD: I can sit where I live now and watch.

RB: There is, there is plenty of opportunity around the place. You can't miss it really from all around the place. But like I said if we were to let people know it was about to happen then there's a natural tendency for people to want to get as close as they possibly can and, like I said, that's a risk we aren't prepared to take. Essentially we're going to keep it quiet. You'll know it happens of course. You guys will know, obviously, everyone will know visually that it's happened but we will let you guys know specifically about the fact that it has happened if you don't happen to be in the area. We will supply material to the media, we'll have lots of eyes on it, in terms of cameras and drones so we'll be supplying material to the media to make sure the broader community gets access to all of the good video footage that will come out of it.

DG: There goes our stack party.

RD: Stack party?

RB: Yeah it's an interesting dilemma. Obviously, for many years it's been a question that everyone's been talking about. When is this happening? I want to be there. I want to see it. And for precisely that reason is the reason we can't really let people know exactly when it's occurring.

So, I apologise on one side that we can't let people get closer to it but I'm not apologising that we're keeping everybody safe.

BW: There was a really large bang yesterday afternoon. Did that come from here?

RB: It's possible.

KM: Not confirming or denying.

MU: I guess the other thing is just to ask if you don't mind is to kind of keep it to yourself. It is likely to happen in the next couple of months or so but we don't want to be raising the level of awareness. I mean the worst thing that could happen is some kid goes "oh that thing's coming down soon" I might go for a bike ride and see if it's today because I'm sick today or you know, whatever. These things do go wrong. They went badly wrong in Canberra.

RB: This one won't go wrong but we can't take the risk.

MU: The risk is low but the consequences could be high.

DG: So I shouldn't put it in the council report?

MU: So if you could just keep that off your Facebook feed that that was discussed at today's meeting, that would be lovely, and the safest way to go.

AG: If you get it down before the election I'll claim it.

RD: It will be all over Facebook.

MU: Andrew you don't have a video do you?

AW: *(shakes head in negative)*

AG: They had no trouble with Munmorah ones, they just fell over nice and easy.

RB: Yeah, that's true but we all know about the Canberra hospital disaster and even recently the demolition of the Clyde refinery didn't go as planned. I was talking to even our own site guys during the week and of course everyone's going "yeah, everything will be fine, it's all good" and I said "I'm absolutely certain that both the Canberra hospital and the Clyde that's exactly the conversation they were having before it as well". And we're putting the best people at it, taking the best precautions, and doing the best studies.

AG: I think a stack is easier than a building.

RB: Well there were stacks at Clyde and they didn't all fall down. That's a bit of a strange one, but they didn't all go down.

6 CRG questions and answers

MU: Alright, any questions around the room?

RD: Yeah, I've got a couple. One's been answered. Over the last weekend, a resident accosted me who's making claims, whether they might be incorrect or outlandish, that we were transporting concrete from this site going down to the Irishman down in Mitchell Avenue.

RB: We haven't removed any concrete off site.

RD: That's OK. I guess that's what it would have been but he was quite adamant that we were transporting concrete down there.

RB: Correct me if I'm wrong Andrew.

AW: Who's the Irishman on Mitchell Avenue?

RD: The Irishman, the concrete crusher.

AW: No. No concrete.

RD: And the previous so-called purchaser, someone wanted the pot line 2 and pot line 3 super structure left in place, what's happening to that now?

DG: Yeah that was my question.

RB: We've had dialogue continuing with Flow. Flow themselves have only recently come out of their administration process and they've actually proposed to us a potential alternative arrangement, not necessarily a sale arrangement as such. One of the things they've said is that they can bring to the table is the potential that those buildings they were looking at could be continued. So we haven't ruled out the possibility that those buildings are of interest to somebody but we've, at the same time, also not confirmed that they are. That's one of the things that we're doing now is to try and identify whether that's a legitimate interest, whether that's of commercial interest to us and particularly when you weigh it up against the value of the buildings, because they've still got aluminium busbar, concrete, and steel that we could use and the demolition cost is not outlandishly high. We've got to sort of weigh all those opportunities and costs together and decide whether we're going to keep it or not.

We've got about, I'll say about 9-12 months to make that decision because the demolition contractor's got about that long to go on site.

RD: I suppose the other question is, and I don't know who's responsible for it, whether it's Hydro themselves or whether it's the new purchaser or whether it's a combination of the two councils is, is there negotiations going on to try and get a spur line from South Maitland railway onto this land?

RB: The master planning that we've undertaken included provision for a connection to South Maitland railway and it still will. So the plan, and even Flow's plan had the possibility of connecting something in to South Maitland railway to connect it to the industrial site. So, that would be ultimately, the construction of that would be the responsibility of whoever purchases and develops the site but the provision for that is being considered in the rezoning and master planning.

DG: That rail corridor is all preserved?

RB: Yes.

AG: Flow talked about putting two high schools in, do you know where they ...?

RB: They're in exactly the same box as the pot line 2 and 3 buildings.

AG: You don't know if they were looking at one at Gillieston Heights?

RB: Well from what I understand, they had two options, one was in the town if you like, within the Gillieston Heights area, the proposed residential area, and the other was in and around near –

BW: Dawes Ave.

RB: Brad's place in Dawes Avenue.

AG: The last state election, somebody promised Maitland would get a school, a new high school. Just wondering whether that would be one at Gillieston Heights or ...

RB: I don't know.

AN: No, it was a private arrangement, so it was between a private school and a private developer so it's outside of state government.

RB: But in terms of the specifics of that school, I don't know who they were, I know where they were planning but I don't know any other details other than pretty much what you know. But it is something that we would be interested in understanding but our strategy, as I mentioned last meeting or the meeting before, hasn't changed in the terms of how we want to sell the site. If we start carving the site up, it becomes very difficult then to manage the



process in terms of rezoning and offloading the site. So, where those opportunities exist we'd love to hear from people and even ideally get options on land and things like that if that's how it's going to play out but we won't look to sell sites individually, at this stage.

BW: You're saying Flow's out of administration now, so they've got nothing to do with this site at all anymore, do they?

RB: (shakes head in negative).

AG: That will probably make Cessnock council happy.

RB: That doesn't mean Brad that they won't in the future, like anybody has an opportunity but right now, the deal that we had with them is not continuing.

BW: So they're still the same management are they?

RB: The people you know are, yes. Not necessarily all the way to the top, but yes.

MU: Any further questions around the table, any further questions from the community?

AG: I don't if it's now or general business, but the museum stuff, do you want to handle that in general business.

7 General business

MU: Let's talk about general business then. I think last meeting we kind of got to a full stop at this point, and without a new purchaser in place to discuss things like this building here, we pretty much ... it's hard to move forward, but if you've got some comments or ideas, then please ...

AG: We've got a problem in town too, is the school wants the mining museum out, so from the community, I guess they're looking to see whether your gymnasium could do both the mining and this one here, or should be looking at a committee or something to try and have a look at the other one that's been thrown up, the Pelaw Main bathhouse. Probably, might be worth, probably needs something to go along those lines because there's probably grant monies out there as well, and whether you chip in any at all, the Miners' Federation will probably chip in.

RD: Is 55C going to remain intact? It's not going to be knocked over?

RB: No, the plan is knock everything over essentially.

RD: That's going to be knocked over?

RB: Yep everything, including the building we're in and that building.

AG: Just a thought that if anybody –

RB: Unless a purchaser decides to keep it.

AG: Just a thought that we might be able to combine the two ... go to government, we need a committee from somewhere, and I'm too bloody old, to chase it and drive it.

DG: The school's really keen. I've met with the school and they need it gone and they want it gone off the site but they're dragging their feet so the Department's going to come in and do it. I did recognise that there's a synergy between what you guys are looking at doing as well and keeping the industrial history that may be somewhere in town.

AG: I was in Ritchie's, talking to the people in there, and they were talking about the Presbyterian church but they said it's not big enough ... Pelaw Main needs a committee between two people or an interested group of people to take both of those forward, I think they are both worthy components to keep history in some shape or form. I mean, the Federation has \$50,000 for that horse in the park so you can probably get a few dollars out of them at one point, it could be a good start. You might have to wait

another three years until the next election but it might take us that long to get there.

KH: Isn't it four years to state?

DG: Three years, four years for fed.

AG: Three years. Anyway, that's just something if we're thinking about the museum for this, you might be able to combine the two.

MU: I think it's fair to say, and I'm about to speak for you Richard.

RB: I was about to say something but let's see if you get it right.

MU: If, I was going to say, if there was an organisation that had the interest of the history of the region at heart that wanted to approach Richard, Richard would say ... that's where I throw it to you.

RB: Look, the reason we raised it in the first place is because there's obviously things on this site we don't want to forget. Obviously we built the mural but you've seen the examples down at Newcastle Regional Museum where there's displays about BHP and Elma and Pasminco, and you know, acknowledging the industrial history of the region.

The smelter itself, well that doesn't have 100 years of history, but you know it's a significant local icon I guess in the past, so there's some things here that we don't want to disappear. I guess in the first instance, what I was hoping we could do is at least find a home, even temporarily to store a collection of things, photos and whatever it is from the site so it doesn't disappear. To be honest, we weren't really considering reusing buildings on the site for things like that, for the same reason we weren't really thinking too much about making commitments for someone else in the future. You know, it is a building on site, but there will be no services to it. It may be in an area where someone goes –

AG: It's a little bit further out of the way for the tourists.

RB: Look, I don't know, but maybe someone comes along and says look –

RD: It won't be in 10 years' time when everything's developed. It will be the centre of town.

DG: But you're saying we can't necessarily preserve it in exactly the same position.

AG: Yeah right along side of the Scout camp, nice big new one there.



RD: We'll we can't pull it down brick by brick and relocate it unfortunately.

AG: Anyway, if you don't think about all these things then you won't get it.

RB: That's right.

DG: There's the storage more than anything else. We don't want to lose it out of the community. We need a central storage for this stuff to come back and manage

AG: The Federation's got a certain amount of dollars to put back into the community from United Colliery, they own a share of the United Colliery, and all the money that comes to the Federation, they can't use for industrial, for the union. It's got to be diverted back to the community.

KH: It wouldn't be good to have it in a basement either that people can't access. What's the point in keeping it if no one can see it?

DG: The interim is –

RD: All of Kurri's records were lost in a basement at Maitland Town Hall.

DG: The thing is State Library will take a lot of it but where it will end up.

KH: Yeah, nobody sees it.

DG: But it'd be good if it's within our community before it goes out, even if it is a cupboard to start with, a least it's a local cupboard.

KH: With a plan for the future so it doesn't stay in the cupboard.

DG: When we pulled out the ambulance hall, we found like all documents under the stage right back to 1926, everybody that had done a first aid course, but that was the same thing they were all super saturated. That's what we're saying, we don't want them to be stuck in a corner.

MU: So I think I'm probably not out of line if I said, if there are any representatives from historical associations or organisations that wish to have to have a discussion with Hydro that is certainly not off the table.

AG: We need a combined committee somewhere along the line.

MU: Alright, any other general business?

OK, I'll call that a no and we'll set aside 20 June for the next meeting being the third Thursday as usual.

I will close the meeting at 6.55pm.



MU closed the meeting at 6.55pm.

8 Meeting close

Meeting closed: 6.55pm

Date of following meetings:

Thursday 20 June 2019

Thursday 15 August 2019