



PWYLLGOR IECHYD A DIOGELWCH HEALTH & SAFETY COMMITTEE

DYDDIAD Y CYFARFOD: DATE OF MEETING:	04 March 2024
TEITL YR ADRODDIAD: TITLE OF REPORT:	Reinforced Autoclave Aerated Concrete (RAAC) Planks
CYFARWYDDWR ARWEINIOL: LEAD DIRECTOR:	Andrew Carruthers, Executive Director of Operations
SWYDDOG ADRODD: REPORTING OFFICER:	Rob Elliott, Director of Estates, Facilities and Capital Management

Pwrpas yr Adroddiad (dewiswch fel yn addas)

Purpose of the Report (select as appropriate)

Er Gwybodaeth/For Information

ADRODDIAD SCAA SBAR REPORT

Sefyllfa / Situation

This report provides an update to this Committee following the previous report on the 8 January 2024.

Cefndir / Background

Reinforced Autoclave Aerated Concrete (RAAC) is a material used in construction in many buildings between the 1960s and 1990s. Its presence has been confirmed in a range of National Health Service (NHS) properties across the United Kingdom (UK) and includes several properties in Wales.

All actions now being undertaken by the Hywel Dda University Health Board (HDdUHB) are fully aligned to revised industry guidance which was updated in early 2023.

This new industry guidance is based on more intensive research which has shown that this material has a far lower structural loading capacity than other generic reinforced concrete products. Due to this fact, there is a risk of structural collapse should the product fail. The condition of RAAC Planks has been shown to deteriorate if water is present due to roof leaks etc, which can compromise the reinforcement bars contained within these planks.

Aseiad / Assessment

Work is progressing well and to programme.

The capital planning for spend in 2023/24 and 2024/25 is fully agreed with Welsh Government (WG) as noted in the table below. We meet regularly with WG/ NHS Wales Shared Service Partnership (NWSSP) in refining spend profiles for the end of the year.

Budget 23/24	£ 7,692,577.01
Anticipated spend	£ 6,531,996.82
<i>Underspend</i>	<i>£ 1,160,580.19</i>

Planned 24/25 spend	£ 5,106,839.09
<i>Add 23/24 underspend</i>	<i>£ 1,160,580.19</i>
24/25 revised budget	£ 6,267,419.28

The full survey exercise for the ground floor areas is planned for completion by the end of March 2024 and at this point we will have full information on the remaining remediation works necessary.

The detailed planning of the work is well under way with the general management team at Withybush General Hospital (WGH) and once concluded the procurement and construction phases will commence on the ground floor area.

To date the status of the RAAC surveys and repair programme is as follows:

Task Name	Duration	Start	Finish
WGH RAAC: 2023/24 CONSTRUCTION PHASE SUMMARY	220 days	Mon 15/05/23	Fri 15/03/24
POTWASH ADVANCED WORK (COMPLETE)	50 days	Mon 15/05/23	Fri 21/07/23
EMERGENCY PROPPING/ADVANCED WORK (COMPLETE)	50 days	Mon 24/07/23	Fri 29/09/23
WARD 9 (COMPLETE)	86 days	Mon 12/06/23	Sun 08/10/23
WARD 12 (COMPLETE)	91 days	Mon 10/07/23	Sun 12/11/23
TEMP KITCHEN ENABLEMENT WORK (COMPLETE)	40 days	Mon 11/09/23	Fri 03/11/23
TEMP KITCHEN FACILITY (OPERATIONAL)	81 days	Mon 14/08/23	Mon 04/12/23
SPH ADDITIONAL BED CAPACITY (COMPLETE)	50 days	Mon 16/10/23	Fri 22/12/23
WARD 7 (COMPLETE)	55 days	Mon 09/10/23	Fri 22/12/23
WARD 11 (COMPLETE)	55 days	Mon 09/10/23	Fri 22/12/23
WARD 8 (CONSTRUCTION PHASE)	75 days	Mon 04/12/23	Fri 15/03/24
WARD 10 (CONSTRUCTION PHASE)	75 days	Mon 04/12/23	Fri 15/03/24
MAIN KITCHEN (ENABLEMENT WORK STAGE)	195 days	Mon 08/01/24	Fri 04/10/24
OPD A (CONSTRUCTION PHASE)	75 days	Mon 29/01/24	Fri 10/05/24
WGH RAAC: PROFESSIONAL SERVICES: STRUCTURAL SURVEY/DESIGN & SUPERVISION	230 days	Mon 15/05/23	Fri 29/03/24

The remaining areas requiring remediation on the ground floor will be added to this programme as the programme of works is agreed.

It should be noted that the above works and approved funding will only cover remediation repairs to Phase 1 and Phase 2 Planks (critical and high-risk respectively). The Amber risk planks and Green risk planks will require regular inspection initially every 12 months but this will be reviewed following the first inspection undertaken. In addition, we need to be mindful that as further national research is undertaken on the management of RAAC Planks this may require a change to the routine inspection processes.

The programming of the future inspection regime is now being planned in some detail. The initial view on this is for the areas already completed (ward areas) and therefore due for survey in the 2024/25 Financial Year (FY).

The survey work on the first-floor wards is likely to cost in the order of £154k for 2024/25 FY. This is fully inclusive of any Estates and domestic costs in managing this survey work.

The remaining works where remediation is planned for the 2024/25 FY will require surveys to be undertaken in 2025/26 FY. Current estimates of his cost are of the same order as noted above.

Given the current guidance to inspect annually it is reasonable to assume at this point that these annual costs for all RAAC areas will be in the order of circa £300k inclusive of Estates and domestic costs.

The specialist engineers 'Curtins' have advised the need for, and timing of future inspections will be linked to what is identified on the first round of inspections.

These indications of costs have recently been received by the HDdUHB and we will be making WG aware of these ongoing costs and seeking their support for this. An update on the outcome of this discussion will be available in future update reports to this Committee.

This inspection regime will be disruptive going forward and we have been advised by the specialist structural engineers that further deterioration of RAAC planks should be expected and therefore further costs will be incurred in the future. Also, given the concerns on the structural stability of RAAC planks any future maintenance that requires access to these flat roof areas will be challenging and will require a range of measures to avoid inappropriate loading of these areas.

These matters will be reported to WG to make them fully aware of the ongoing challenges of RAAC at WGH.

Argymhelliad / Recommendation

The Health and Safety Committee is asked to:

- **NOTE** the support funding from Welsh Government for the 2023/24 and 2024/25 Financial Year.
- **NOTE** the ongoing surveys of Reinforced Autoclaved Aerated Concrete Planks areas in the future and the expectation of further deterioration and further investment being necessary.
- **NOTE** that further updates will be presented at future Health and Safety Committee meetings.

Amcanion: (rhaid cwblhau)

Objectives: (must be completed)

Committee ToR Reference:
Cyfeirnod Cylch Gorchwyl y Pwyllgor:

2.4: Provide support to the Board in its role of scrutinising performance and assurance on overall performance and delivery against Health Board plans and objectives, including delivery of key targets, giving early warning on potential performance issues and making recommendations for action to continuously

	<p>improve the performance of the organisation and, as required, focus in detail on specific issues where performance is showing deterioration or there are issues of concern.</p> <p>2.6: Seek assurance on the management of principal risks within the Board Assurance Framework (BAF) and Corporate Risk Register (CRR) allocated to the Committee and provide assurance to the Board that risks are being managed effectively and report any areas of significant concern e.g. where risk tolerance is exceeded, lack of timely action.</p>
<p>Cyfeirnod Cofrestr Risg Datix a Sgôr Cyfredol: Datix Risk Register Reference and Score:</p>	<p>1382 1699 1707</p>
<p>Galluogwyr Ansawdd: Enablers of Quality: Quality and Engagement Act (sharepoint.com)</p>	<p>Not Applicable 6. All Apply</p>
<p>Parthau Ansawdd: Domains of Quality Quality and Engagement Act (sharepoint.com)</p>	<p>2.1 Managing Risk and Promoting Health and Safety Governance, Leadership & Accountability</p>
<p>Amcanion Strategol y BIP: UHB Strategic Objectives:</p>	<p>4. The best health and wellbeing for our individuals, families and communities</p>
<p>Amcanion Cynllunio Planning Objectives</p>	<p>5a Estates Strategies</p>
<p>Amcanion Llesiant BIP: UHB Well-being Objectives: Hyperlink to HDdUHB Well-being Objectives Annual Report 2021-2022</p>	<p>10. Not Applicable</p>

Gwybodaeth Ychwanegol: Further Information:	
<p>Ar sail tystiolaeth: Evidence Base:</p>	<p>Within the report</p>
<p>Rhestr Termau: Glossary of Terms:</p>	<p>Within the report</p>
<p>Partïon / Pwyllgorau â ymgynhorwyd ymlaen llaw y Pwyllgor Ansawdd Iechyd a Diogelwch:</p>	<p>Pwyllgor Datblygu Strategol a Chyflenwi Gweithredol / Strategic Development and Operational Delivery Committee</p>

Parties / Committees consulted prior to Health and Safety Committee:	
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Effaith: (rhaid cwblhau)	
Impact: (must be completed)	
Ariannol / Gwerth am Arian: Financial / Service:	Capital funding required to deliver the survey programme
Ansawdd / Gofal Claf: Quality / Patient Care:	Direct Impact on patient Environment. Ward decant being arranged to maintain capacity. Some risk that it will be challenging to maintain capacity dependent on the outcome of the survey findings
Gweithlu: Workforce:	Staffing impacts being mapped out by operational site teams with full HR support.
Risg: Risk:	The risk is identified on the corporate risk register. Targeted meetings being arranged to manage the programme, to include development of project specific risk register.
Cyfreithiol: Legal:	Not applicable
Enw Da: Reputational:	High potential for media and political interest. Communication team supporting the programme.
Gyfrinachedd: Privacy:	Not applicable
Cydraddoldeb: Equality:	Not applicable