

Harwell Site Stakeholder Group (SSG) 2nd Nov 2023

Paul Brennan

Harwell and Winfrith Site Director

Harwell Site

- Rebranding
- Environment, Health, Safety, Security and Quality (EHSSQ)
- Site operations
- Current work programmes
- What else is happening on-site
- Magnox Socio-Economic Scheme



NRS
Nuclear Restoration
Services

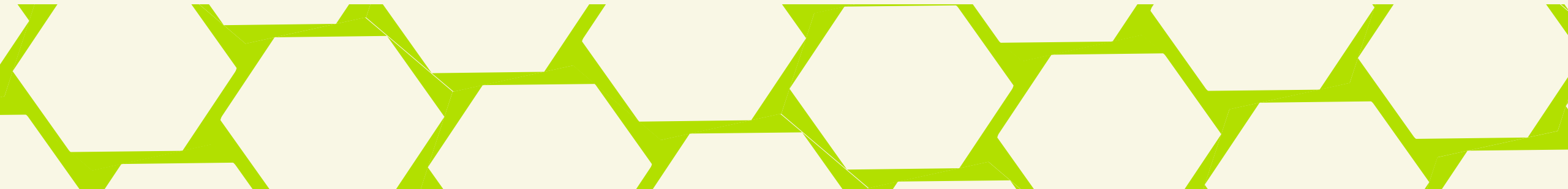
Rebranding - began on the 31st Oct

- Rebranding to Nuclear Restoration Services
- Many thanks if you have had any input into this
- Our new brand strategy represents the joining together of Magnox and Dounreay and prepares us to welcome the seven advanced gas-cooled reactor sites for decommissioning, and other future missions.
- On the day we held a very low-key launch to workforce and key stakeholders.
- Implementation of the brand will follow a two-year programme to ensure best value for money and to give the brand strategy time to embed.
- You may start seeing some changes externally, including signage and website and social media.
- Email addresses, using the new organisational name, will launch in early 2024 and the formal company name change will happen at a later date (anticipated to be early 2024).
- While our brand is changing, our focus on safely decommissioning our nuclear sites remains the same.



Environment, Health, Safety, Security and Quality (EHSSQ)

- No Lost Time Accidents in 185 days (as of 25th Oct 2023)
- Successful delivery of Psychological Training in the summer, further courses for additional staff scheduled for early 2024.
- No significant issues regarding on-site safety raised via HESAC
- Atmospheric and liquid effluent discharges from Site remain well within permitted limits with no observable trends
- Data returned from Environmental Monitoring Programme well within limits and often at Limit of Detection
- Regulatory Topics
 - EA Inspections covering Asset Management and Firewater Management
 - ONR Inspections covering compliance with Ionising Radiations Regulations and Fire Safety



Site Operations

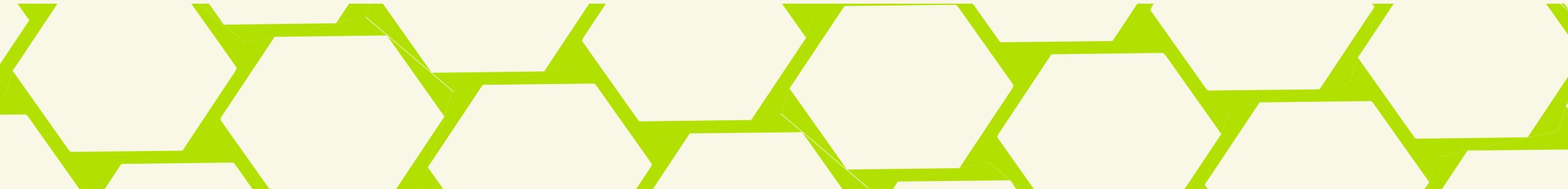
Successful Year in 2022/23

Continued progress against targets:

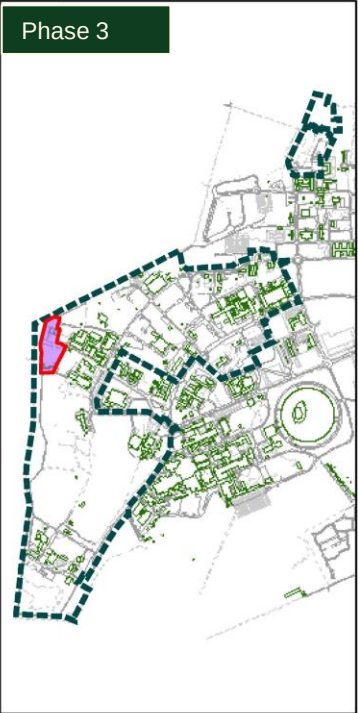
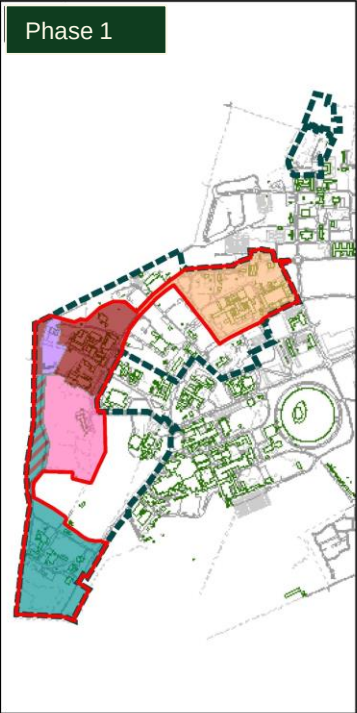
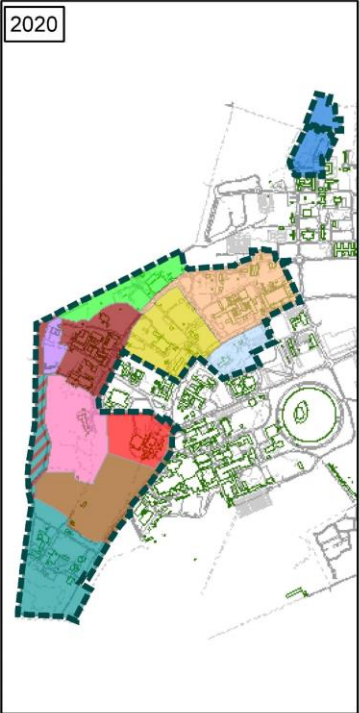
- NMT Consignments on track -target of 85% shipped offsite
- Progress on RHILW retrievals
- WEP Active Commissioning Complete
- Continued preparation for minor remediation and delicensing of West Meashill
- Legacy waste reduction targets expected to be met for the year and intention to decommission H10 temporary tent.
- B220 continue to progress placing the Characterisation contract

Current Programmes

- Update on land release
- Nuclear Material Transfers (NMT)
- Remote Handled Intermediate Level Waste (RHILW) retrievals
- Legacy waste
- Compliance and end states programme
- Decommissioning (Plant & Structures) programmes



Harwell land release



Lease boundary provided for information only.
This plan is not for official use.

Area sizes and extents are approximate.



		TITLE	
Drawn By T Roworth		Harwell Land Release Proposed	
Checked By S Clark		Lease areas at 2030, 2045 and 2060	
Approved By S Clark			
ISSUE:	DATE:	FIRST ISSUE DATE	DRG No.
1	15/08/2022	15/08/22	HDRD\GIS\220060
Sheet 1 of 1			

Nuclear Material Transfers

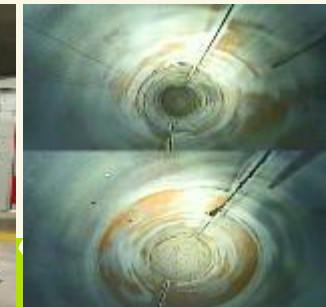
Numbers at the last SSG

- 5592 (5361) drums shipped to-date
- 84.2% (80.7%) of total drums
- 46.6% (39.6%) of activity (Bq) removed
- Forecast 86% drums complete by Mar/Apr 2024
- Project completion stable at 2026
- Gemini active moves making great progress
- Rate dependent on receiving plant availability



Remote Handled Intermediate Level Waste (RHILW) retrievals

- ILW retrievals – 5.9Te versus 7.38te target for 2023/4 (as end October). Retrieval Machine 2 is being moved to start recovering from array 54 (of 64).
- WEP has completed phases 1 and 2 active commissioning and is now operational.
- Retrieval Machine1 has recovered and dealt with wastes for the first time in 10 years. Preparations continue for radon abatement equipment commissioning.
- The POCO (Post Operational Clear Out) project continues to develop solutions to allow cleaning for disposal of the waste storage tubes once emptied.



Legacy waste

- Offsite discharge pipeline (ODP) completed in March 2023 achieving a 99% recycling rate. The Project was nominated for the NDA Best Project Award and won.
- Overpacking of historic bags into full height ISO containers for unloading rather than consigning half height ISO to landfill.
- Ongoing work to clear waste from Hangar 10 tent to allow removal of the temporary structure.
- Target set FY23/24 to reduce holdings by 280 m3. Waste consignments will include difficult legacy waste to be consigned from Site



Compliance and end states programme

LETP Land Remediation

Surveys and sampling in and around the LETP completed August 2023

Minor remediation works in the LETP – Deferred until April 2024

SUDS Lagoon Construction and LETP Reinstatement – deferred to 2025

Bridleway diversion has been extended until the end of 2024 – further extension to late 2025 will be required

Delicensing case submission – Summer 2025



West Meashill Area Land Release

Extensive surveys and sampling have been carried out

Minor remediation of 3 areas underway

Regular meetings with the regulators and UKHSA (UK Health Security Agency)

Delicensing case submission – Early 2025

Downs Way East Land Remediation

Ecological surveys have been carried out and mitigation measures are underway

Groundwater Remediation

Dialogue has begun with the Environment Agency over closure of the Groundwater Plant (GWP) – Magnox's consultant now working on detailed justification and any work needed to support that

Decommissioning (Reactors and Rad Programmes)

B220



- Radiological Characterisation and asbestos survey contract tendered (expected award of contract Jan 2024)

B418



- Intrusive Characterisation works ongoing and due to complete Spring 2024
- Demolition start planned for Spring 2025

What else is happening on site ?

Recruitment

- 17 roles filled since Jan 2023
- 10 external, 7 internal
- Apprentices 3 apprentice vacancies for September 2023 intake.
1 x MOET (mechanical)
2 x Rad Protection Technician



Soc-ec 2023-24:

Harwell £2,405 Good Neighbour funding remaining out of £6,000

7 Harwell funding requests totalling £181,383

- **Sunningwell Parish Council** £450 - towards Lest-We-Forget bench
- **Assisted Reading for Children (ARCh)** £1,908 – towards recruitment & training
- **1st Harwell Scout Group** £590 – purchase of outdoor cooking equipment
- **Home Start Oxfordshire** £1,013 – towards training of new volunteers
- **Chilton Parish Council** £5,000 – to provide accessible roundabout
- **Oxford Wood Recycling** £22,788 – based in Abingdon. 1 year funding to enable continuation of support for people with disabilities to find employment whilst future funding secured.
- **SOFEA** (South Oxfordshire Food & Education Alliance) £150,000 yr2 Didcot based charity allocated £608,952 over three years. Majority of this year's' funding is to continue to employ coaches, trainers and mentors.

<https://www.gov.uk/government/collections/magnox-working-with-our-communities>

Emma Burwood looks after Good Neighbour applications for Winfrith, applications over £2,000 by Haf Morris (Haf.e.morris@magnoxsites.com)

Any Questions?

