

Community Liaison Meeting

August 2021



Operational Update



- H&S
- Operational Performance
- Environmental performance
- Education and Visitors Centre

Health & Safety Overview



- 2 Accidents since the last CLG resulting in personnel injury.
 - No LTAs, none RIDDOR reportable
- 8 events resulting in damage to property. *Including the UPS battery overheating event – LFRS attended site*
- 10 events labelled as fire, the potential for fire or fire fighting equipment.
 - LFRS not required. No actual fires reported.
- Average of 22 near misses reported per month.
 - Increase from 18 previously
- 8 Environmental events recorded
 - Non required reporting to the EA, included 2 badger deaths
- 3 Complaints recorded
 - One relating to damaged sheeting on a transfer lorry resulting in waste falling out. One relating to low water pressure at local properties. One relating to slippery bridleways.



- Greatmoor – 8 incidents with 'Damage or Loss to' tag:
 - The UPS overheating event – where an individual cell in a battery overheated causing a chain reaction and loss of all the cells in the UPS cabin. LFRS attended site – 6 tenders.
 - 2 incidents of flat tyres reported by staff linked to tramp metal on the road between the car park entrance and the IBA pad. *On going issue partially resolved by moving the car park entrance.*
 - 1 incident where a mechanical guard came loose and interfered with moving machinery.
 - 2 incidents relating to drain covers/kerbs being damaged.
 - 2 incidents around the turbine hall crane – an electrical failure and damage to a locking mechanism

Fire Related Events/Reports

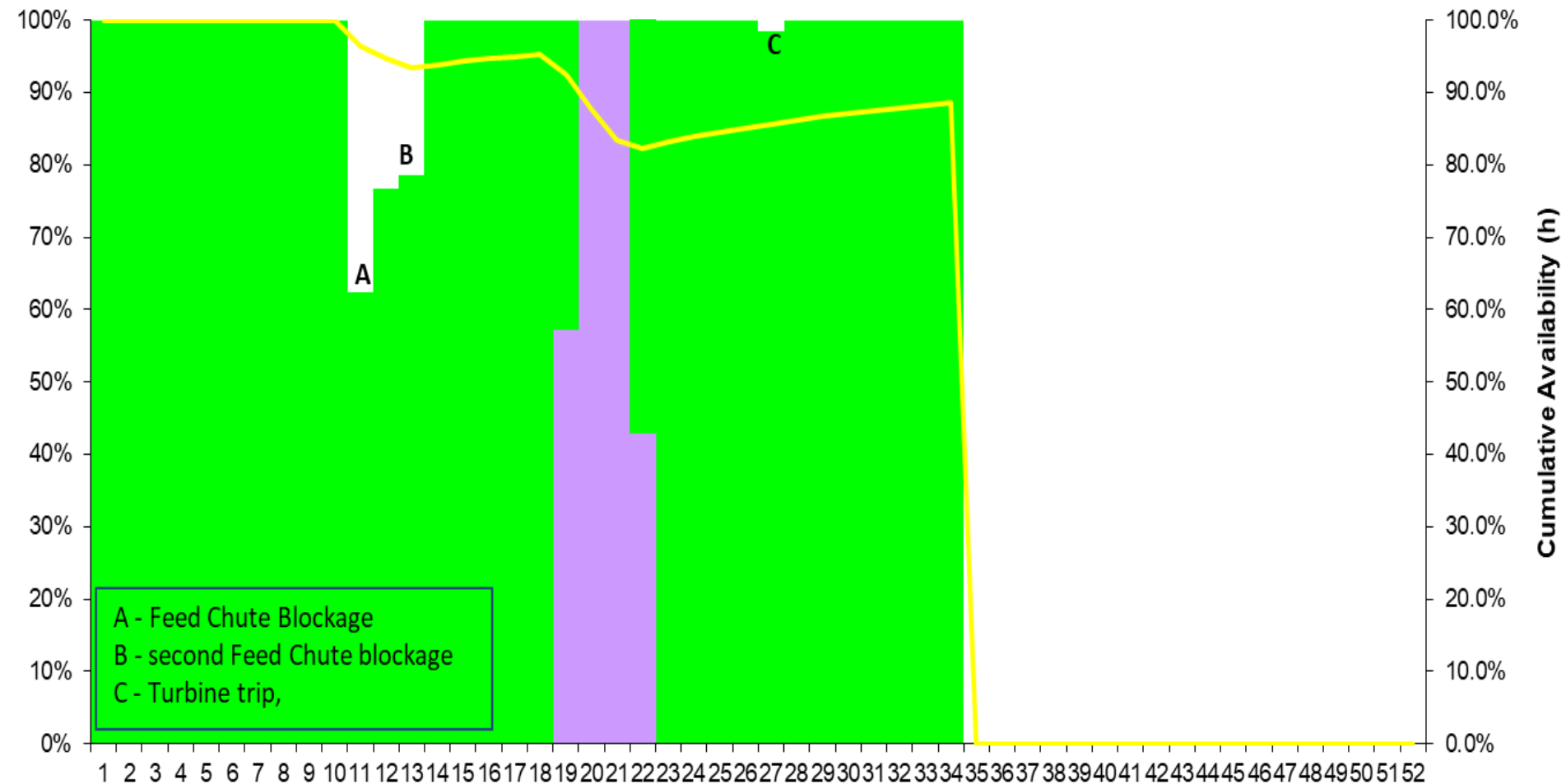


- 10 events with 'Fire' label
 - One mismuster during a fire alarm roll call.
 - One incident of 5 unsecured propane bottles.
 - 8 spurious activations of the fire alarm system. As a result of vapour or dust or due to known defects (eg jockey pump spuriously cutting in)
 - No shortfalls in firefighting equipment.
 - No conflagration events.

Boiler Availability and Main Losses Q1 2021



Greatmoor - Availability

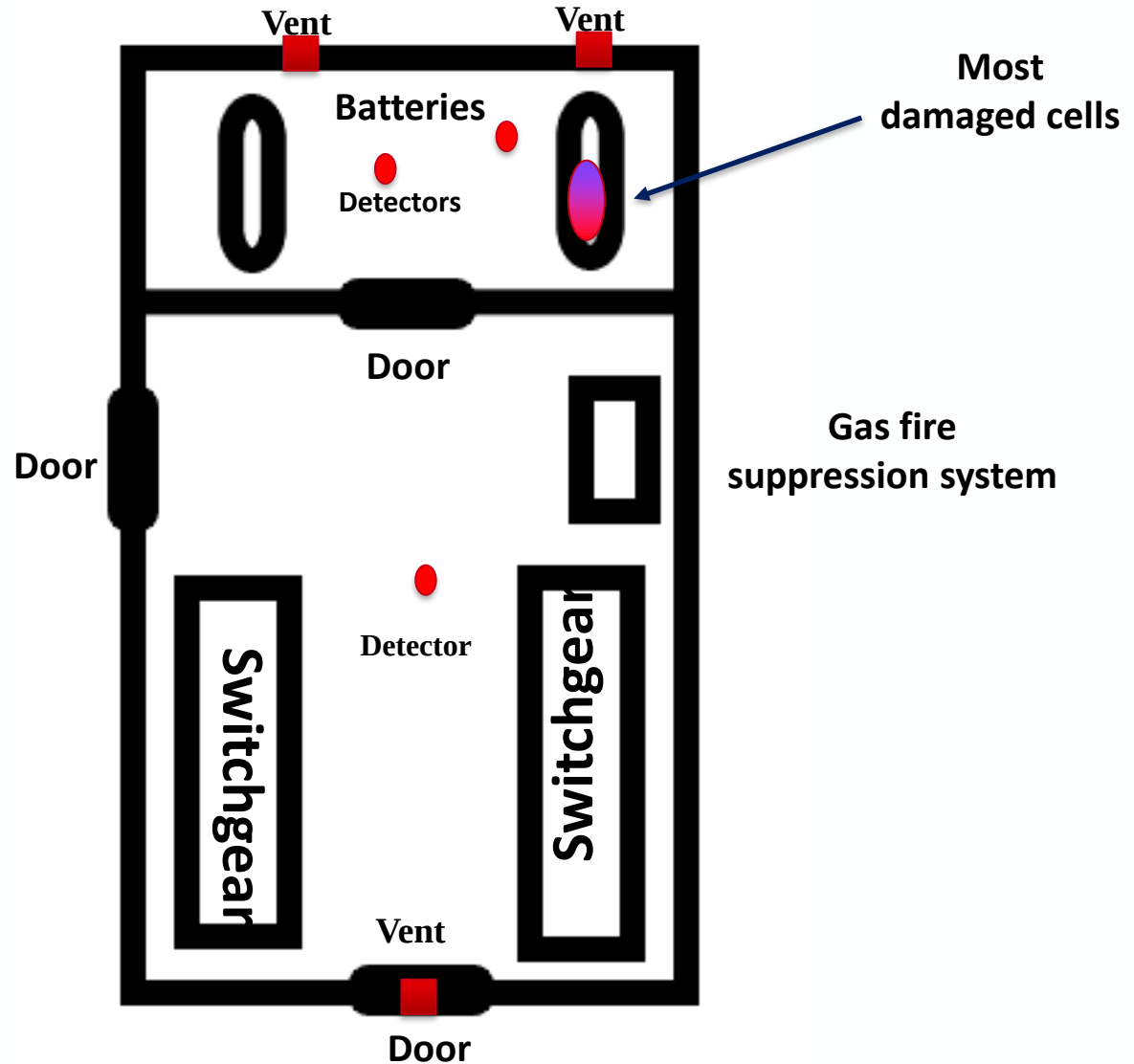


Key Events - Outage



- The Outage had a budgeted time of 21 days, a target of 19 days and a stretch target of 18 days.
- The UPS battery over-heating incident lost us 18 hours and meant that the stretch target could not be met and two rework events (one of 1100 welds had a pinhole leak, and some motor cooling fans required refitting) compounded by issues with the steam drum level meant that the budget was exceeded by 24 minutes.
- Major works included:
 - Boiler first pass and second pass inconel roof installation
 - DCS upgrade.
 - 120m² refractory tile replacement (*less than anticipated*)
 - Grate and feeder routine maintenance
 - Bottom ash conveyor inspections and repairs as required
 - Annual Valve and PSSR survey
 - 33kV and 11kV switchgear servicing
 - Ash discharge pipework replacement

Key Events – UPS Over Heating Event



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- Incident review carried out.
- Key learnings came from the incident and have been passed to OEM for consideration.



External and Access Road



- **“The Phoenix” sculpture;** Builders consulted about the design of the plinth (a representation of the old brick works chimney) drawings received, planning permission to be sought. *Still Outstanding.*





- **Traffic management proposals;** site visit conducted in December on the access road. Proposals for traffic light system received. Meeting planned for late August. Council have concerns that increased traffic will impact their turnaround times for RCVs – *should still be within contracted times however*
- **Bridge GUA1;** this bridge is now fully under the control of HS2. They are considering the options and favour repair over demolition as a method of ensuring the gradient of the associated bridleway.
- **HS2/EWR prep work** has begun. Timeline suggests works will take 5+yrs.

Look Ahead



- Councillor Peter Strachan (Responsible Cabinet Member) first visit on 26 August.
- Relaxation of COVID restrictions, reintroduction of benchmarking visits and educational visits.
- New Graduate starts in September
- Apprentice recruitment.

Environment



Environment Headlines



- Permit Notifications - None
- Complaints – In March 2021 Environmental manager had been contacted by the EA, stating that someone reported a suspected diesel spill in the river Ray further upstream from their current location, which was down stream from our site. Investigation found no issues, relevant data passed to the EA.
- EA routine site inspection on 6th August, no issues. Site remains in 'Band A'.

Environmental Incidents



- 11 Events since the last CLG including:
 - *2 dead badgers,*
 - *One incident of fly tipping*
 - *Several small contained spills (lime x 2, ash, paint)*
 - *Issues with CEMS analyser (not transferring data to DCS, zero checks conducted whilst on line....) No data lost.*

PERMIT COMPLIANCE; Continuous

- Greatmoor EFW continuous measurement with CEMs under BS EN 14181
- The data is submitted quarterly to the EA in a specific format. That data has been used to put together the following graphs:

Environmental Permit Limits

Substance	½ Hour average	Daily average
Dust	30	10
HCl	60	10
NOx	400	200
SO ₂	200	50
TOC	20	10

Substance	10 min average	Daily average
CO	150	50

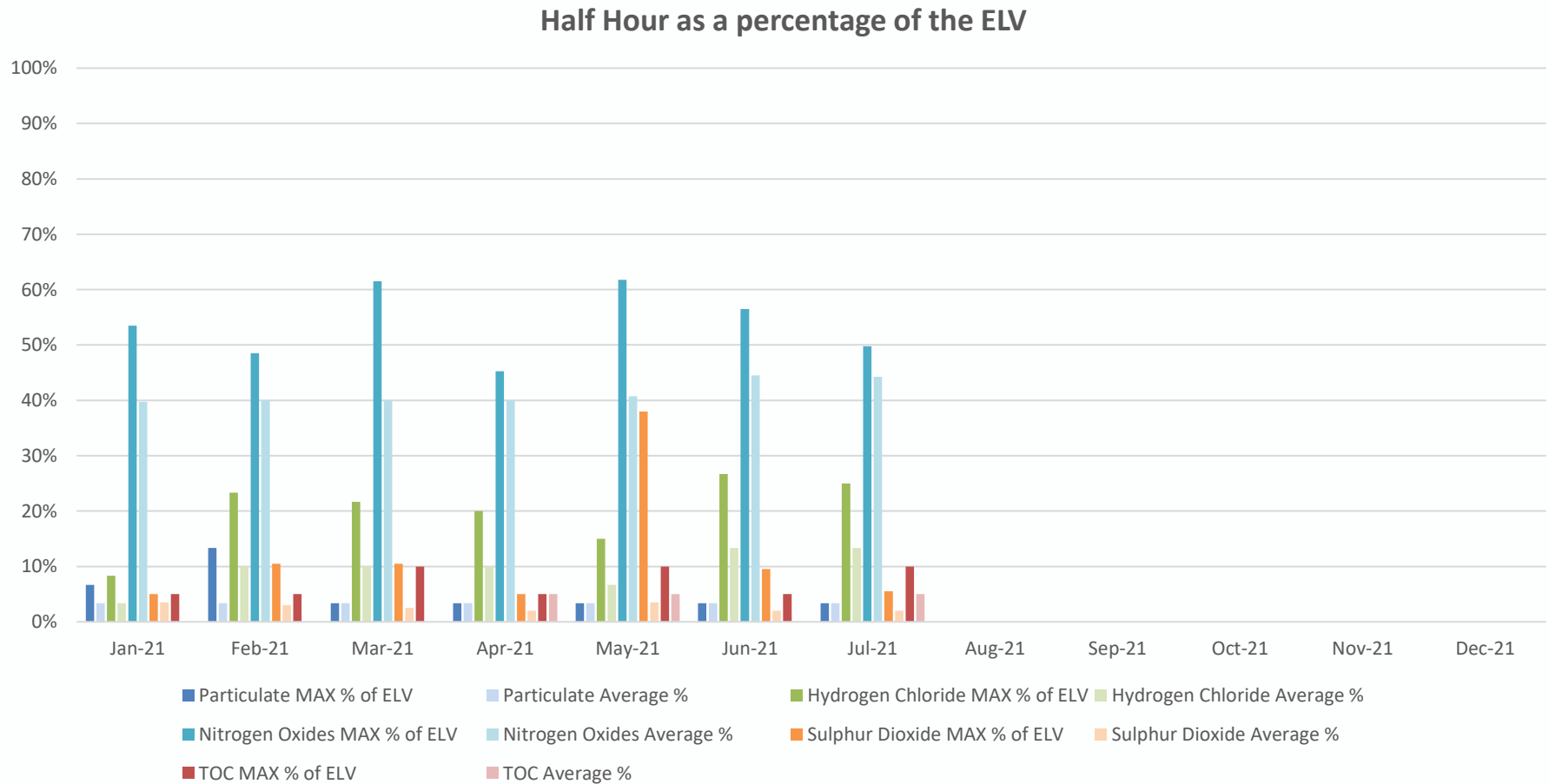
Measured in mg/m³



Emissions

CONTINUOUS MONITORING

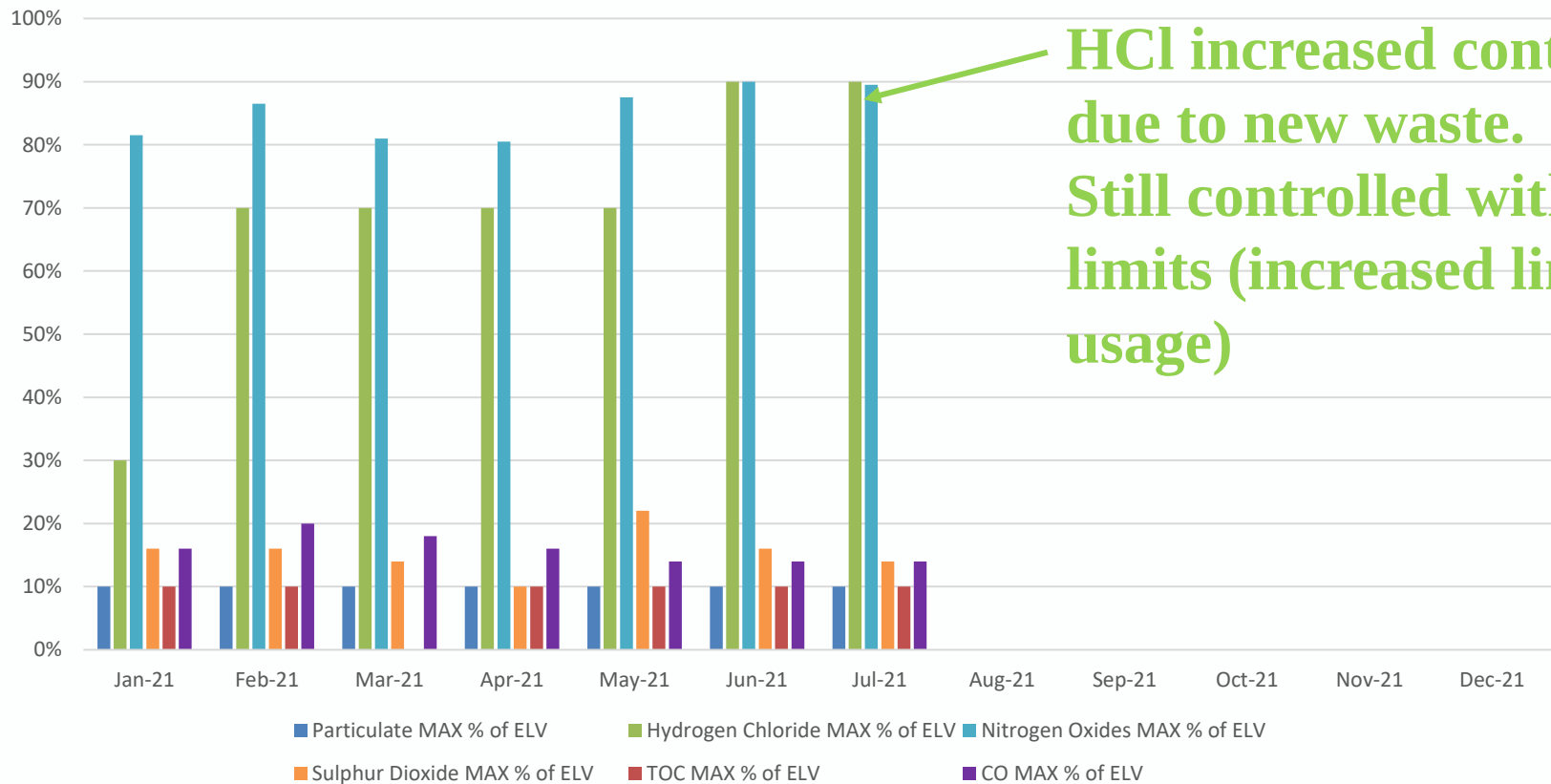




CEMS Emissions year to date



Max Daily as a percentage of the ELV



HCl increased continues due to new waste. Still controlled within limits (increased lime usage)

Summary

- No issues, site 100% compliant
- All periodic stack testing carried out, 100% compliant
- Socotec advise the Duty HCL needs a fresh QAL2. A desk top Qual 2 will be undertaken asap. Further Qual 2 may be required at the next compliance monitoring in October.

Jez Elkin Visitor Centre



On Line Sessions

On-Line Outreach – Since last meeting

- 7 sessions
 - 31 adults
 - 192 students



Visits To Greatmoor

September Visits

3 rd	Chiltern Society (2 tours)
6 th	Chiltern Society (2 tours)
10 th	Chiltern Society (2 tours)
11 th	Public Tours (2 tours)
14 th	Public Tour
16 th	Ridgeway Scouts
17 th	BC Waste Team – new staff
20 th	Steeple Claydon Cubs
22 nd	High Wycombe Lions
23 rd	Ridgeway Scouts
25 th	Public Tours (2 tours)

Additionally

Aylesbury College – 3 or 4 visits to be scheduled for late Sept/early Oct

7 tours confirmed for October

Several waiting to confirm dates

Outreach Visits

12th Aug
24th Sept

Hightown Housing Association
Oakley Primary School STEM Fair

11/12 Nov
Feb 2022

Bucks Virtual Skills Show 2021
Bucks Skills Show 2022

- 5 other outreach talks scheduled

