



GRAHAM



Osney Power Station



WELCOME

Residents'
Engagement Meeting
27th March 2023

Osney Power Station **GRAHAM:**



Andy Cowlshaw - Snr Project Manager

Ian Downie – SBS

Jo Fawkes – SBS

David Langston - SBS

Oliver Jackson - Ridge

AGENDA

- Project update
- Look ahead
- Issues / Concerns
- Traffic Management
- Community Engagement
- Questions



Project progress update to March 24th 2023

- Ground obstruction removal – now approx. 95% complete
- Removal of excess material – removing unsuitable material from site following obstruction removal. We have also been removing from site the clay arisings from the bored foundation piles – approx. 1000m³ to be removed in total.
- Foundation piling – works commenced in the 27th Feb to install 230+ bored piles. Approx 90% complete to date and will continue into early May.
- Façade repairs are continuing on Arthur St and Russell St. Work will shortly commence on the River elevation
- Temporary gate adaption at the Russell St gate to accommodate construction equipment. This is to take the pressure off Arthur St for larger equipment deliveries.
- New cabins have been installed in the north courtyard and the southern green cabins are being removed 29th March.

Osney Power Station



Progress cont'd

- Liaison with Kier / Network Rail continuing re Botley Rd closure
- Regular liaison with OCC Pollution Control and Planning Enforcement continuing. Bi-monthly visits.









Lookahead – to end April 2023

- Green cabins are being removed on Wed 29th March and will exit site by the Arthur St gate
- Final obstruction removal in 28 locations will commence when cabins are removed and should take no longer than 2 weeks to complete.
- The smaller sectional FA rig is working on site now to complete 25No piles under the façade retention system. This rig will be replaced by a more powerful SFA rig on April 10th to complete some large diameter piles in low headroom areas. There is no need for parking bay suspensions for this equipment exchange.
- The larger CFA rig returns to site for the final 100 approx. piles on 24th April. This will require parking suspensions. The rig is anticipated to be removed mid May when all piles are complete
- Foundations / drainage / ground beams due to commence mid to late April.

Environmental

- Dust
 - Dust monitors have not been triggered in March but there has been visible signs of dust on Arthur St. Reactive measures to clean cars and windows in place.
- Noise
 - Noise levels have been on the higher end through March but below the levels Graham advised in the Noise Assessments issued to OCC during planning. See charts in next slides. Grahams monitoring against a 10hr average of 75dB but had advised OCC that levels could reach 83dB over 10hrs in the noise assessments.
- Vibration
 - Being closely monitored and generally well below guidance levels. See charts in next slide.

Noise monitoring – Arthur St




Monitor		Month		Year			
Noise Monitor s/n 542 #39 – Arthur Street : Osney Power Station		March		2023		View	
SUN	MON	TUE	WED	THU	FRI	SAT	
			1 74.8 dB(A)	2 77.4 dB(A)	3 75.8 dB(A)	4	
5	6	7 71.2 dB(A)	8 72.2 dB(A)	9 74.6 dB(A)	10 74.1 dB(A)	11 51.0 dB(A)	
12 51.4 dB(A)	13 75.6 dB(A)	14 75.0 dB(A)	15 74.7 dB(A)	16 69.4 dB(A)	17 70.6 dB(A)	18 50.2 dB(A)	
19 51.3 dB(A)	20 77.9 dB(A)	21 74.8 dB(A)	22 68.9 dB(A)	23 70.0 dB(A)	24	25	
26	27	28	29	30	31		

Noise levels have been slightly higher at the Arthur St end due to break out works in that area.

Noise monitoring – Russell St

Monitor		Month		Year			
Noise Monitor s/n 720 #73 – Russell Street : Osney Power Station		March		2023		View	
SUN	MON	TUE	WED	THU	FRI	SAT	
			1 71.7 dB(A)	2 70.4 dB(A)	3 70.6 dB(A)	4 49.6 dB(A)	
5 49.1 dB(A)	6 69.7 dB(A)	7 69.4 dB(A)	8 70.1 dB(A)	9 68.9 dB(A)	10	11	
12	13 69.1 dB(A)	14 76.0 dB(A)	15 69.1 dB(A)	16 65.2 dB(A)	17 73.5 dB(A)	18 48.6 dB(A)	
19 50.1 dB(A)	20 66.8 dB(A)	21 68.7 dB(A)	22 72.8 dB(A)	23 70.6 dB(A)	24 74.0 dB(A)	25	
26	27	28	29	30	31		

Vibration –Arthur St south (BS 5228 guidance 15mm/s)

Monitor	Month	Year	View
Vibration Monitor s/n 4054 #11: Osney Power Station - On wall 	March 	2023 	

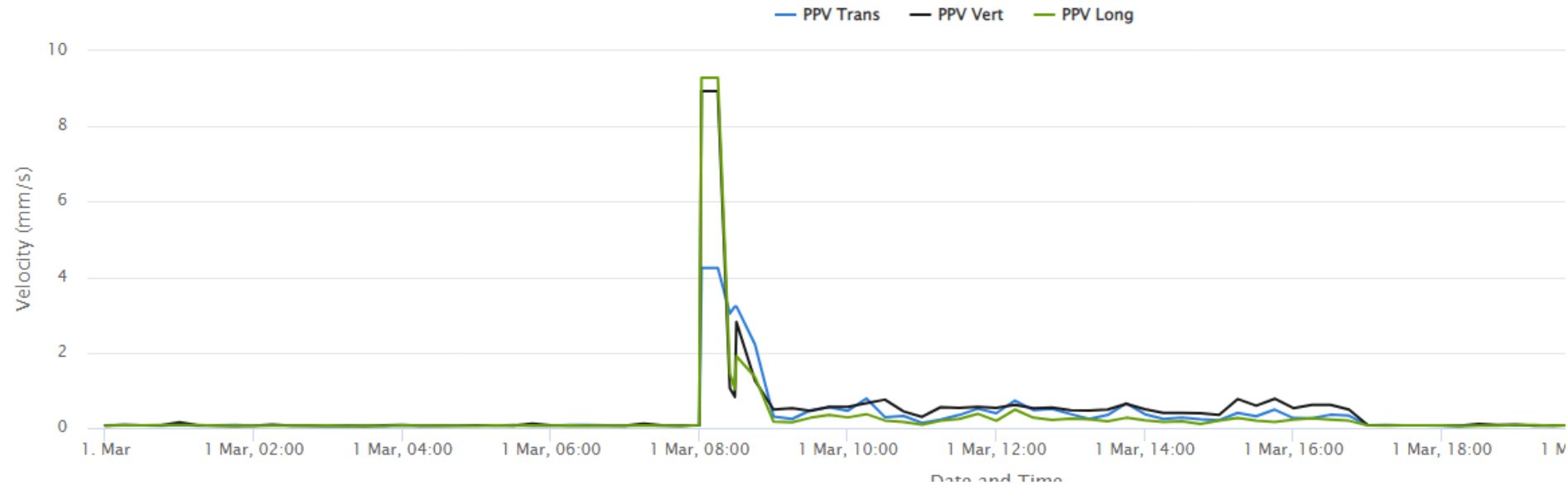
SUN	MON	TUE	WED	THU	FRI	SAT
			1 9.29 mm/s	2 2.62 mm/s	3 1.33 mm/s	4 0.18 mm/s
5 0.08 mm/s	6 1.10 mm/s	7 0.98 mm/s	8 0.72 mm/s	9 1.34 mm/s	10 0.85 mm/s	11 0.10 mm/s
12 0.13 mm/s	13 1.01 mm/s	14 0.77 mm/s	15 0.90 mm/s	16 3.18 mm/s	17 5.89 mm/s	18 0.17 mm/s
19 0.09 mm/s	20 0.89 mm/s	21 1.87 mm/s	22 1.05 mm/s	23 2.58 mm/s	24 0.76 mm/s	25 0.12 mm/s
26 0.16 mm/s	27 0.56 mm/s	28	29	30	31	

Vibration –Arthur St south 1st March detail

Monitor	Start	End
Vibration Monitor s/n 4054 #11: Osney Power Station - On wall at front of site	01-03-2023 00:00	02-03-2023 00:00

REAL TIME DATA

Vibration Levels at Vibration Monitor s/n 4054 | #11: Osney Power Station – On wall at front of site



1/3/23 –
8am
vibration
monitor hit
on top
triggering
the vertical
axis
readings.

Vibration –Arthur St north

Monitor Vibration monitor s/n 10370 #178 – Arthur Street: Osney Power Station	Month March	Year 2023	View
---	-----------------------	---------------------	----------------------

SUN	MON	TUE	WED	THU	FRI	SAT
			1 3.36 mm/s	2 3.54 mm/s	3 3.63 mm/s	4 0.65 mm/s
5 0.11 mm/s	6 2.03 mm/s	7 2.98 mm/s	8 2.64 mm/s	9 3.24 mm/s	10 6.85 mm/s	11 0.17 mm/s
12 0.52 mm/s	13 3.74 mm/s	14 4.30 mm/s	15 3.96 mm/s	16 3.29 mm/s	17 1.82 mm/s	18 0.18 mm/s
19 0.12 mm/s	20 1.82 mm/s	21 2.71 mm/s	22 4.85 mm/s	23 2.86 mm/s	24 2.69 mm/s	25 0.79 mm/s
26 0.18 mm/s	27 3.66 mm/s	28	29	30	31	

Vibration –Russell St

Monitor Vibration monitor s/n #284 – Russell Street: Osney Power Station	Month March	Year 2023	View
--	-----------------------	---------------------	-------------

SUN	MON	TUE	WED	THU	FRI	SAT
			1 2.51 mm/s	2 2.07 mm/s	3 1.85 mm/s	4 0.31 mm/s
5 0.17 mm/s	6 3.90 mm/s	7 3.92 mm/s	8 1.59 mm/s	9 1.26 mm/s	10 1.11 mm/s	11 0.16 mm/s
12 0.17 mm/s	13 1.03 mm/s	14 0.84 mm/s	15 4.34 mm/s	16 1.18 mm/s	17 1.53 mm/s	18 0.17 mm/s
19 0.09 mm/s	20 1.86 mm/s	21 1.64 mm/s	22 0.69 mm/s	23 0.94 mm/s	24 2.60 mm/s	25 0.14 mm/s
26 0.13 mm/s	27 0.13 mm/s	28	29	30	31	

Vibration –Thames elevation

Monitor	Month	Year	View
Vibration monitor s/n 10726 #207: Osney Power Station - On wall by	March	2023	

SUN	MON	TUE	WED	THU	FRI	SAT
			1 1.54 mm/s	2 1.58 mm/s	3 3.67 mm/s	4 0.15 mm/s
5 0.08 mm/s	6 5.27 mm/s	7 5.72 mm/s	8 1.42 mm/s	9 2.60 mm/s	10 2.08 mm/s	11 0.11 mm/s
12 0.10 mm/s	13 1.55 mm/s	14 1.29 mm/s	15 2.00 mm/s	16 2.38 mm/s	17 0.81 mm/s	18 0.14 mm/s
19 0.10 mm/s	20 1.84 mm/s	21 2.03 mm/s	22 1.45 mm/s	23 1.33 mm/s	24 1.78 mm/s	25 0.10 mm/s
26 0.08 mm/s	27 1.59 mm/s	28	29	30	31	

Dust – Arthur St (DEFRA limit is 50 micrograms/m³ daily average)

Monitor		Month		Year		View	
Dust monitor s/n 1904 #227 – Arthur Street : Osney Power Station		March		2023		View	
SUN	MON	TUE	WED	THU	FRI	SAT	
			1 3.84 µg/m ³	2 7.64 µg/m ³	3 6.19 µg/m ³	4	
5	6	7 12.15 µg/m ³	8 6.11 µg/m ³	9 6.63 µg/m ³	10 5.82 µg/m ³	11 6.74 µg/m ³	
12 9.42 µg/m ³	13 12.25 µg/m ³	14 3.97 µg/m ³	15 4.37 µg/m ³	16 3.86 µg/m ³	17 4.18 µg/m ³	18 5.5 µg/m ³	
19 3.73 µg/m ³	20 5.83 µg/m ³	21 4.77 µg/m ³	22 6.53 µg/m ³	23 8.78 µg/m ³	24	25	
26	27	28	29	30	31		

Dust – Russell St

Monitor Dust Monitor s/n 1300 #138 – Russell Street : Osney Power Station	Month March	Year 2023	View
---	-----------------------	---------------------	----------------------

SUN	MON	TUE	WED	THU	FRI	SAT
			1 2.62 µg/m³	2 6.37 µg/m³	3 3.34 µg/m³	4 5.64 µg/m³
5 9.17 µg/m³	6 4.89 µg/m³	7 6.99 µg/m³	8 8.74 µg/m³	9 5.17 µg/m³	10	11
12	13 13.37 µg/m³	14 2.56 µg/m³	15 5.04 µg/m³	16 3.83 µg/m³	17 4.8 µg/m³	18 5.62 µg/m³
19 3.35 µg/m³	20 4.07 µg/m³	21 4.09 µg/m³	22 6.62 µg/m³	23 7.78 µg/m³	24 5.09 µg/m³	25 5.95 µg/m³
26 4.9 µg/m³	27 3.66 µg/m³	28	29	30	31	

Thank you
for listening

Questions?

