





# Hampstead Heath Ponds Project



## Air Quality Monitoring Results     25th May to 31st May

PM10 Levels $\phi$ [ug/m <sup>3</sup> ]	Limit	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
24 Hour Average	< 50	12.3	9.7	12.2	8	7.7	6.4	5.2
	> 50							
15 Min Max	< 200	25.2	154	39.9	14.7	112.7	13.7	14.4
	> 200							

$\phi$  The 15 minute maximum limit of 200 ug/m<sup>3</sup> has been set by the London Borough of Camden. The 24 hour average limit of 50 ug/m<sup>3</sup> is set as part of the London Air Quality management strategy. Factors other than construction works may affect the level of particulates and any readings over the 200 ug/m<sup>3</sup> limit will be investigated.



# Hampstead Heath Ponds Project



## Pond Water Quality Monitoring Results

Week Ending: 8th June to 12th June 2015

Pond: Model Boating Pond

		Baseline 2013	Monday	Tuesday	Wednesday	Thursday	Friday
Dissolved Oxygen ° Mg/l	>6	6.9	9.8	9.3	9.2	10.8	9.7
	4-6						
	<4						
Suspended Solids * (FNU)		18.5	21.5	23.7	18.5	24.9	
pH	6 to 9	7.8	8.2	8.1	8.1	8.4	8.0
	5.5-6 or 9-9.5						
	<5.5 or >9.5						

Pond: Viaduct Pond

		Baseline 2013	Monday	Tuesday	Wednesday	Thursday	Friday
Dissolved Oxygen ° Mg/l	>6	4.8	12.5	9.4	8.5	11.8	9.7
	4-6						
	<4						
Suspended Solids * (FNU)		37.6	17.9	16.7	14.1	14.8	
pH	6 to 9	7.6	8.5	7.9	7.8	8.3	7.7
	5.5-6 or 9-9.5						
	<5.5 or >9.5						

Pond: Vale of Health Pond

		Baseline 2013	Monday	Tuesday	Wednesday	Thursday	Friday
Dissolved Oxygen ° Mg/l	>6	4.8	8.9	7.9	8.0	7.5	8.2
	4-6						
	<4						
Suspended Solids * (FNU)		9.3	9.4	9.0	9.2	9.1	
pH	6 to 9	7.6	8.1	8.0	8.1	8.1	8.0
	5.5-6 or 9-9.5						
	<5.5 or >9.5						

° Dissolved oxygen levels are influenced seasonally by algal blooms and also by weather such as heavy rain and strong winds. Levels are also affected by water temperature.

\* Suspended solids are influenced seasonally by algal blooms and also by weather such as heavy rain and strong winds.

Guidelines suggest that the annual average quantity of suspended solids should be less than 25mg/l. A correlation between FNU and mg/l is currently being analysed

**BAM.1760 - Hampstead Heath Ponds Project**

**Schedule of received deliveries**



Week Commencing: 

08/06/2015
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Day	#	Access point	Type	Comments
<b>Monday</b>	1	Upper fair ground	Concrete - 4m	
	2	Upper fair ground	Concrete - 3m	
	3	Upper fair ground	Sheet Piles	
<b>Tuesday</b>	1	Highgate Road access	New Rescue Boat	
	2	Upper fair ground	Concrete - 3m	
	3	Highgate Road access	Pipe Sections & Collars	
<b>Wednesday</b>	1	Upper fair ground	Concrete - 3m	
	2	Highgate Road access	Pontoons	
	3	Highgate Road access	Pontoons	
	4	Highgate Road access	Toilet Silage cleaner	
	5	Highgate Road access	Pile Hammer Repairer	
<b>Thursday</b>	1	Upper fair ground	Concrete 4m	
	2	Upper fair ground	Concrete 3m	
<b>Friday</b>	1	Upper fair ground	Sheet Piles	

<b>Hampstead Heath Ponds Project - Complaints Log</b>
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Complaint No.	Date	Method of complaining	Description of complaint	Outcome	Action
19	04/06/2015	twitter	Repair work to path to east of Model Boating Pond (where the electrical cable had been laid for the time lapse camera) was not good enough.	This was a temporary repair and asphalt was due to replace it the day the complaint was made.	Asphalt has now been laid.
18	01/06/2015	In person	Temporary stone path is not a pleasant surface to walk on - very stoney. Not good for disability scooters.	Open textured areas these have now been blinded with fine material.	Path quality matches quality of path that it leads onto - this will be monitored closely.
17	01/06/2015	Phone	Vehicle (yellow digger) moving faster than 5mph on Lime Avenue.	Passed on to BAM who have spoken to their staff and reiterated the 5mph limit.	Speed restrictions will be closely monitored.
16	19/05/2015	Via email	Closure of spillway on western edge of Model Boating Pond is making it difficult for his dog to get in and out of water, as it was a lower edge. Asked for a temporary board to be put in place on eastern edge of pond - near Men's Bathing Pond end.	Explained that southern edge of pond would soon be de-watered and inaccessible for dogs, also there are other ponds more suitable for dog access. Finally, there is a lower spot on northern bank where dogs can access water.	No further action required.
15	18/05/2015	Via email	Delivery vehicles arriving earlier than stated in the planning application. She has seen a delivery arriving at 8.30am.	BAM told that deliveries must arrive within agreed timescale.	Deliveries rescheduled to arrive after 9.30am.
14	08/05/2015	via email	Concerned about the trees within the work compound - how will they be protected?	Explained that earth bunds fences would be erected around trees root protection zones and that BAM staff have been instructed to stay out of their canopy/root protection zone.	Protection work happening now at MBP

Appendix 2 - Example of data shared with Community Working Group

Complaint No.	Date	Method of complaining	Description of complaint	Outcome	Action
13	05/05/2015	Via email	Concerned about the trees within the work compound - how will they be protected?	Explained that fences would be erected around trees and that BAM staff have been instructed to stay out of their canopy/root protection zone.	Concern noted and passed onto BAM
12	05/05/2015	Via blog	Was not aware of the extent of the MBP compound. Why had it not been part of consultation? Did it have planning permission?	Responded that the extent of the compound was not known during the consultation and that it had been included in the planning application.	Concern noted and link to relevant planning documents issued.
11	27/04/2015	Via email	Thinks the heras fencing is ugly and would like it moved back 2m from the path so it does not feel so enclosed.	On one side of the compound the fencing is 2m from path but the fencing on the northern edge will not be moved now.	This issue will be considered at future compounds.
10	27/04/2015	Via Heath staff at Parliament Hill	Complainant worried that vehicles and fences being stored too close to trees which may affect roots.	BAM notified of complaint. BAM inform staff that they should not park or store items under the canopy of the tree.	This will be considered in future.
9	11/04/2015	Via email	Noticed that a Moorhen had nested in the reed area that had been netted off in Model Boating Pond.	BAM and Ranger team informed of nest	Nest will not be disturbed.
8	12/03/2015	Via CWG member	Too much vegetation being cut back on Highgate Chain.	Site clearance has now been completed on Highgate Chain. Some vegetation has been cut back to discourage birds from nesting (reed beds in Model Boating Pond) but this also happens as part of the annual Management Plan. Reeds are cut back every six years so they regenerate.	Concern noted.
7	09/03/2015	Via blog	Concerned about vehicles causing damage to ground.	Responded that vehicle movements were to be monitored closely for this reason and the site clearance schedule had been altered to avoid further ground damage by vehicles.	Raised with contractors.

Appendix 2 - Example of data shared with Community Working Group

Complaint No.	Date	Method of complaining	Description of complaint	Outcome	Action
6	04/03/2015	Via email	Querying and objecting to netting (visually intrusive) which had been placed over the reeds at Model Boating Pond.	Rational behind netting as a means of discouraging birds in this area, which will be very close to work compound, explained. Link sent to blog where this work was explained.	No further action required.
5	20/02/2015	Via email	Complainant thought more than one tree had been felled at Vale of Health - 3 stumps in one location.	Email response sent stating that it was one multi-stemmed tree - False Acacia which was on tree felling schedule.	Complainant realised it was one tree.
4	20/02/2015	In person	Tree felling path closures at Highgate No. 1 resulted in a number of complaints to staff.	Path was re-opened shortly after complaints received.	Contractors advised that paths cannot be closed when a suitable diversion is not available.
3	12/02/2015	In person	Objecting at Stock Pond during tree removal by shouting over the top of the chainsaw noise. She believed that the trees at Stock Pond were not to be felled while the final decision was being made over the design.	Constabulary, and later Jonathon Meares, spoke to the person and explained the situation and that for her safety she must not go into the exclusion area. She accepted the explanation, but was still upset by the tree loss.	PPSG were emailed on Tuesday (17/02/15) to confirm decision on Stock Pond
2	05/02/2015	Via email	Work sites where tree felling has taken place are untidy - timber lying around.	Felled trees to be used as deadwood habitats in appropriate locations. Ground conditions are wet so care must be taken with vehicles in order to prevent ground damage.	Site clear up taking place week commencing 23/02/15
1	05/02/2015	Telephone	Upset about the felling of the willow tree at Model Boating Pond and the other trees for the Ponds Project.	Reasons for the felling explained to caller and he seemed happier – he said he would phone back if he wanted more information.	No further action required.