Hampstead No. 3 Pond
(Mixed Bathing Pool)

ANNUAL STATEMENT BY
SUPERVISING ENGINEER

RESERVOIR NOT SUBJECT TO THE
RESERVOIRS ACT 1975

FINAL

November 2012

Supervising Engineer
Dr A K Hughes
Atkins Water
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW
### Atkins

#### DOCUMENT HISTORY RECORD

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<td>10.12.2012</td>
<td>Final issued to clients</td>
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1. NAME OF RESERVOIR

HAMPSTEAD NO. 3 POND (Mixed Bathing Pool), situated in the lower part of Hampstead Heath near Pryors Field, City of London.

2. NATIONAL GRID REFERENCE

TQ 273 860.

3. NAME AND ADDRESS OF UNDERTAKERS

Corporation of London
Guildhall
London
EC2P 2EJ

4. NAME AND ADDRESS OF SUPERVISING ENGINEER

Dr A K Hughes BSc PhD DMS CEng FICE FCIWEM MIMgt
Atkins Water
Woodcote Grove
Ashley Road
Epsom
Surrey
KT18 5BW

5. DATE OF LAST INSPECTION AND NAME OF INSPECTING ENGINEER

Not applicable.
6. SITE VISIT OF SUPERVISING ENGINEER

6.1 General

The visit was carried out on the 20th November 2012. The weather was fine, dry and mild and in the preceding two weeks there had been periods of showers with some heavy rain.

I was accompanied by [Redacted] and [Redacted] of the City of London, two representatives from Mitre Services Ltd, the emergency response contractor, as well as many from the Atkins team.

The water level was such that some 2mm depth of flow was flowing into the overflow pipes.

6.2 Monitoring and Records

No records are kept.

6.3 Dam

Upstream Face

The upstream face was seen to be formed of piling concrete and tarmacadam and is in a satisfactory condition. There are one or two saplings starting to grow. **I advise any saplings which take hold are removed.**

Crest

The crest is surfaced with tarmacadam and carries a road and associated fences. The crest appeared to be in a satisfactory condition with satisfactory line and level if rather uneven in places and with small amounts of cracking.

I understand the City wish to restrict access to the upstream face at time in the summer when divers seek to use the crest to access the pond. **I advise I am content with this and would ask that I be sent details of the proposals.**

Downstream Face

The downstream face is in the main paved. The vegetation is encroaching on the left hand side. There is a large tree on the right hand side. **I advise that the tree on the right hand side be managed by topping/pruning.**
I advise the vegetation at the left hand end be trimmed back as and when required.

6.4 Overflow Works

The approach to the overflow was clear.

The screen to the overflow was clear.

The reservoir was overflowing to a depth of about 2mm with water discharging into the two 8 inch pipes.

There was free discharge to Hampstead No. 2.

6.5 Outlet Control Structures

Not applicable.

6.6 Pipework and Valves of the Dams

The chamber on the [Redacted] was opened. The chamber had been fitted with a lockable lightweight cover. However the covers were far from satisfactory, were difficult to unlock and in months to come and at times of emergency would have been difficult to open. Thus, I advised the covers needed to be changed/modified to make them more easy to open and unlock, particularly in the future and at times of emergency, and this has been done.

Water was standing in the shaft to the same level as the pool. The valve was operated in my presence. The discharge to No. 2 was not seen. The pipe could be blocked. I advised that the pipe be cleared by jetting. This was attempted on the day of the last examination but with no success. A renewed attempt must be made. I advise that the valve be operated at least once every six months. [Redacted]

6.7 Seepage/Drainage Flows

There were no signs of seepage or drainage flows.

The mitres were firm and dry.
6.8 Settlement and Movement

I saw no signs of settlement or movement to give me cause for concern.

6.9 Instrumentation

There is no instrumentation on or in the dam.

6.10 Area Downstream of the Dam

Immediately downstream of the dam is Hampstead No. 2 reservoir.

7. FINDINGS

In general the embankment appears to be in a satisfactory condition.

7.1 Records (Section 11)

No records are being kept for the reservoirs.

7.2 Section 10 Inspection

Not applicable.

7.3 Recommendation of Inspecting Engineer regarding matters to be watched (Section 12.(2))

Not applicable.

7.4 Changes

There do not appear to have been any changes of any significance since since the time of my last visit.

7.5 Maintenance Suggestions

It is advised that saplings are removed and the vegetation on the left hand end be cleared from the embankment and on the weir approach.
I advise that the valve be regularly exercised and the pipe cleared of any debris/silt.

7.6 Other

None.

8. SIGNATURE OF SUPERVISING ENGINEER AND EXPIRY DATE OF FIVE YEAR PANEL APPOINTMENT

Date 10th December 2012

Signed

Dr A K Hughes
Supervising Engineer
(Appointment to All Reservoirs Panel until 31 May 2016)
APPENDIX A
SUMMARY ACTION SHEET
## Summary Action List

<table>
<thead>
<tr>
<th>Reference</th>
<th>Action</th>
<th>By Whom</th>
<th>Date Completed</th>
</tr>
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<tr>
<td>6.3</td>
<td>any saplings which take hold are removed on the upstream face</td>
<td></td>
<td></td>
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<tr>
<td>6.3</td>
<td>I would ask that I be sent details of the proposals to restrict divers in the summer from using the crest to access the pond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.3</td>
<td>the tree on the right hand side on the downstream face be managed by topping/pruning</td>
<td></td>
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<tr>
<td></td>
<td>the vegetation at the left hand end on the downstream face be trimmed back as and when required</td>
<td></td>
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<tr>
<td>6.6</td>
<td>the pipe be cleared by jetting</td>
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APPENDIX B
PHOTOGRAPHS
Crest