

# **HAMPSTEAD HEATH**

## **January to December 2011**

### **ANNUAL WORK PLAN**

## **Introduction**

The Annual Work Plan January-December 2011 includes conservation and arboricultural work and work related to the formal areas of Hampstead Heath. The work plan has been advanced by one month to better fit in with the Consultative Committee cycle. The work plan is produced in accordance with paragraph 8.1 of Part I of the Management Plan for the Heath, which states that detailed annual work programmes will be produced. Policy 6 of the Hampstead Heath Management Plan.

This document outlines the various management works that will take place over the coming 12 months. Like all working documents it must be recognised that weather, seasonal changes and other factors can have an impact on the programme and lead to unavoidable changes. Sunday working which causes noise will be avoided where possible, but may from time to time be necessary. For example, in wet summers it may be necessary to take advantage or dry weekends to cut grass.

It is the City's intention to develop in consultation with local groups and interested parties site-specific management plans. The scale of this task is considerable and must not be underestimated, but once prepared, such plans allow for consistent, long-term management Heath-wide. Production of these plans will also provide the basis for formulating and prioritising detailed annual programmes of work that will enable us to measure the impact of our actions year on year. Four such plans have now been approved by the Consultative and Management Committees.

Any comments or queries should be made, in the first instance, to the Conservation Manager, 020 8347 0389.

## **Conservation work**

### **Principles for ecological management**

In the absence of a fully detailed Management Plan (in preparation), much conservation work on the Heath aims to maintain the *status quo*. Without this work, large areas of the Heath would succeed to dense and spindly secondary woodland. Our current guiding ecological principles are:

- To maintain current grassland areas, particularly the scarcer patches of 'acid grassland' on the Heath's upper areas. This involves keeping back encroaching bramble, thistle and tree seedlings and dealing sensitively with the margins of adjacent woodland and hedges, which can be particularly valuable ecologically. Such work will be completed from autumn to early spring, to avoid disturbing breeding birds, or from late autumn where there may be grass snakes present. If necessary, low bramble can be cut again outside this season, ideally on a hot day when grass snakes will probably be in retreat underground or can move away from machinery, or can be cut by hand.

- Where choices are possible, to aim for a mosaic of vegetation of different aspects and height. Such mosaics are essential for many invertebrates, amphibians and reptiles. This principle applies to both woodland (where it translates into a tiered canopy) and grassland.
- To be on the lookout for opportunities to develop undisturbed areas of dense scrub or woodland understory, to provide additional (currently scarce) bird-nesting habitat.
- To try to eradicate or prevent the spread of invasive species, e.g. Japanese knotweed and Himalayan balsam, which would be detrimental to the Heath's wildlife value if allowed to increase their populations.
- The public enjoyment of nature in a safe environment is of paramount importance.
- Particular care is taken to attend to the needs of valued or special species and habitats, e.g. veteran trees and ancient hedge lines, kingfishers, and the rare *Atipus affinis*, a purse web spider.
- Our work is also guided by the recommendations of specialist consultants, e.g. invertebrate specialists, pond and hydrology consultants; and by the priorities of the London-wide and local Biodiversity Action Plans.
- In non-formal parts of the Heath we seek to avoid planting purchased trees and shrubs, relying instead on natural regeneration. Where a more reliable or quicker result is required, only stock of local provenance will be used.

## **General maintenance**

In addition to habitat management, this Plan also includes other works within the more formalised parts of the Heath. It has not been possible to include all the general maintenance and development tasks that take place, but elements of these can be summarised as:

- Amenity grassland areas are provided and maintained for recreation.
- Areas of formal gardens are maintained throughout the Heath, but principally at the Hill Garden, Golders Hill Park and formal recreational areas below Parliament Hill to Gospel Oak entrance and from Highgate Road to Nassington Road.
- Daily litter picking and Trilo collection from bins is carried out on a daily basis. Dedicated fishing tackle bins at each fishing pond are emptied separately by the Heath Rangers Team.
- Maintenance of sporting and recreational facilities for athletics, football, fishing, tennis and many more activities.
- Supervised swimming facilities at the Lido and at the three natural bathing ponds.
- Play facilities including maintenance of playgrounds, the Peggy Jay Centre and the Adventure Playground.
- Daily cleaning and inspection of public toilets.
- Liaison with the City's Sustainability Working Group to implement the City's sustainability policy wherever possible.
- Path maintenance Heath-wide: (a) power harrow, add agreed aggregates and roll, as and when required; (b) fill in potholes as and when required with appropriate aggregates.
- Cleaning and maintenance of benches.
- Maintenance of fences.

## Notes on the tables

The relevant Natural Landscape Chapter policies from the Hampstead Heath Management Plan 2007-2017 are given in the first column, or where appropriate references to the Part I Plan itself.

Areas of the Heath are given in the second column. Where possible, location names relate to those used on the Hampstead Heath Map. Numbers in the third column relate to approximate locations of proposed work as illustrated on the accompanying map.

Timing of tasks is given as follows: Sp = spring, S = summer, A = autumn, W = winter, Any = where the timing is not important.

The work programme is an ambitious one. It is hoped that it can be completed in full, but it is necessary to consider which items could be deferred if the need arises. Items listed in normal typeface are those required to be undertaken this year to maintain the Heath in the short term. Those listed in italics are either items which, if not completed this year, will not lead to substantial immediate loss, and/or which are projects designed to improve the biodiversity of the Heath or its enjoyment.

Over the past two years a number of detailed compartment management work plans have been prepared. These set out in great detail the various work tasks that are required over a ten year period. Given the complexity of these plans only a summary of the work objectives have been incorporated; please refer to these detailed plans where appropriate.

## Work applying generally to natural areas

Policy No.	Location	Details of proposed work	Timing of Work
Part I Management Plan	All areas	Continue preparation of compartment management work plans.	All year
5, 6	All open areas	Stop bramble expanding further into open areas by cutting back to pre-existing lines, either annually or on rotation; scallop edges where possible and appropriate. See also first bullet point of 'Principles of ecological management'.	Preferably autumn to early spring, or from late autumn to early spring where grass snakes may be present
4, 5, 6, 7, 47	All grassland areas	Remove self-sown tree seedlings to prevent areas succeeding to scrub and woodland.  Monitor extent of thistles, common hogweed, California brome and other invasive species and implement control measures where considered necessary.  Monitor condition of grassland swards and implement appropriate mowing regimes	Any  Sp, S  Sp, S
36, 46	All water areas	Implement water safety policy recommendations as approved and funds allocated. Manage routine incidents, and assist Wildlife Rescue experts in dealing with injured/ distressed water fowl. Assist Constabulary in preventing and investigating dog attacks.	All year
36, 37, 47, 50	All ponds or several ponds	Use a boat to thoroughly check for, and remove, line and tackle and other debris during the fishing season.  Organise and oversee regular work parties of members of the Hampstead Heath Angling Society to conduct more thorough cleanups of the ponds and other	All year  All year

		<p>fishing-related conservation work</p> <p>Work with Hampstead Heath Angling Society to ensure fishing regulations are understood and adhered to and assist Constabulary in checking permits and rod licenses.</p> <p>Check and clean pond inlets and outlets.</p> <p>Monitor the ponds in accordance with the scheme launched in April 2006. The Heath Ranger's role in this is to do (1) do visual checks of the ponds on his/her beat and report any problems requiring action; (2) ensure warning notices are put up promptly (and taken down) when blue-green algae scums form;</p> <p>Maintain water-mixing equipment in Boating Pond. Equipment elsewhere is maintained by the Leisure Manager. Keep mobile splash units in good working order.</p> <p>Take water samples at selected locations at each pond for annual phosphorous testing in September/October, in order to monitor eutrophication levels, identify pollution sources and assess the impact of projects to improve water quality</p> <p>Test oxygen levels of key ponds from April to September on a weekly basis in hot weather to pre-empt fish kills, using splash units or other temporary aeration equipment as needed to alleviate problems.</p> <p>Control Azolla, duckweed and other invasive species when they are beginning to take over certain ponds.</p> <p>Assistance/support to the Sports &amp; Recreation team with bathing water quality monitoring and action on bathing water quality failures.</p> <p>Continue to liaise with Hampstead Heath Angling Society.</p> <p>Continue to liaise with the Environment Agency over their funding of a fishing enhancement project.</p>	<p>S, A, W</p> <p>All year</p> <p>All year</p> <p>All year</p> <p>Any</p> <p>September/ October</p> <p>Sp, S</p> <p>Sp, S, A</p> <p>Sp, S, A</p> <p>All year</p>
27	Heath-wide	<i>Survey the Heath for opportunities to promote existing trees or to plant new trees to become veteran trees of the future.</i>	Any
50	Heath-wide	Control Himalayan balsam, Japanese knotweed, giant hogweed, California brome and, where necessary, ragwort and creeping thistle	Sp, S, A
47	Trees Heath-wide	<p>Arboriculture work will be necessary from time to time, and will include:</p> <ul style="list-style-type: none"> <li>• felling and reduction of windblown and storm damaged trees where it is unsafe to leave them;</li> <li>• kite removal;</li> <li>• removal of dangerous dead wood from above paths;</li> <li>• lifting above paths and roads;</li> <li>• felling planted ornamental trees which have recently died;</li> <li>• carrying out tree surveys;</li> <li>• monitoring horse chestnuts for bleeding canker.</li> <li>• management of Highways trees on our land</li> </ul>	All year
3	Heath-wide	Planning, facilitating and overseeing the work of Heath Hands, the Heath's dedicated volunteer group, which ably supports the work of Corporation of London staff. For programmes of their work please contact 020 8458 9102.	All year
4, 26	Priorities	Where weather, seasonal changes and other factors lead to unavoidable changes to the work programme, priority will be given to those tasks aimed maintaining public safety and access, preventing loss of grasslands and ancient trees, and maintaining water quality in bathing ponds.	

## East Heath, Hampstead Valley and Vale of Health

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
H1 (history topic paper)	Saxon Ditch south of Hampstead Gate	1	Continue with leaf litter clearance on length of ditch, remove some small shrub /sapling growth to preserve ditch, as advised by English Heritage. All work to the Saxon Ditch will be done carefully to ensure no damage is done to artefacts which may be present.	A, W
<i>Part I Management Plan</i>	<i>South Meadow</i>	2	<i>Prepare a management work plan.</i>	Any
1 & others	Upper Vale of Health	3	Manage according to management work plan approved by Consultative and Management Committees and Vale of Health residents.	All year
Safety issue	Vale approach road	4	Maintain sightlines at junction of East Heath Road	Sp, S, A
4	Grassland by path south of Children's play area	5	Allow an area to grow long, cutting annually only	S
1 and others	Springett's Wood	6	Management according to approved Management Work Plan <i>Restore orchard through planting of old varieties of fruit trees.</i>	All year W
Access issue	The Elms/Radio Mast	7	Cut back bramble/scrub encroaching upon access road. Thin sycamore saplings from woodland next to Spaniards road.	A, W
6	Vale of Health Valley	8	Keep central area open, but retaining the elder bushes at the south-western edge. Retain nettle/comfrey area on south-west side. Mow south-eastern side as required to control bramble with aim of recreating grassland.	Sp, S, A
37	Vale of Health pond	9	Construct a third fishing peg in the corner of the pond nearest Vale of Health Approach Road. Coppice willow at north-west end of pond and plant marginal plants	Any W, Sp
16	Woodland south of Vale of Health Approach Road	10	Remove ivy from 20% of trees each year	A, W
36	Fleet stream, Hampstead branch	11	Maintain area managed in 2008 to ensure light levels are maintained.	A, W
36, 43, 47	Fleet stream, Lime Avenue	12	Monitor the work done in 2008 on either side of Lime Avenue to assess whether enough light has been let in to allow marginal plants to colonise and to assess the build up of silt behind dams. Further work may be required to let in more light and/or remove accumulated silt. Deepen pool between Lime Avenue and Catch pit slightly.	A,W, Sp S, A, W
6, 34	Glade above Viaduct Pond	13	Continue to control sloe and bramble	A, W
10, 14, 36, 43	Crossing over Fleet Stream between Viaduct and Children's Playground and	14	Improve crossing, e.g. with wood sleepers <i>Increase area of one of the best acidic grasslands on the Heath (the 'Tormentil slopes') by removing 2 small Turkey oaks, 1 multistemmed part-dead English oak, 2 small birches, 3 lower limbs of 2 English oaks, and coppicing 2 fallen crack willows, all on the northern-western side of the</i>	Any A, W

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
	nearby grassland		<i>grassland.</i> <i>Fell yew and holly and remove sycamore saplings upstream, to provide more light to stream.</i>	A, W
4	'Secret glade' to west of path between Viaduct Pond and Vale Toilets	15	<i>Continue reducing bramble and rosebay willowherb</i>	W, Sp, S
1, 42, 50 and others	Viaduct pond	16	Manage according to agreed work plan Control as far as possible water fern and/or duckweed as required Provide a second kingfisher perch, as close to the artificial nest site as possible and overhanging the water. Clear sycamore and false acacia regrowth from area between Bird Bridge and Viaduct and create second pool	All year Sp, S, A Any S
13, 14	Woodland strip at northern edge of Pryors Field	17	<i>Plant more gorse, and coppice some of the existing gorse, which has become leggy.</i>	S, A, W
20	Woodland north-west of Frog Wood	18	Keep newly-created glade open by scything to prevent bramble becoming dominant.	A, W
6, 47, 50	Pryor's Field	19	Priority for completion of a compartment management work plan. Monitor extent of hogweed. Continue programme of cutting hogweed before it flowers down-slope of a desire-line path and in central areas of field Michaelmas daisy and bramble patches: retain at current extent by cutting round. Pull any white Michaelmas daisy occurring elsewhere. Control bramble and thistle. Control Japanese knotweed and Himalayan balsam. Continue to cut sloe growing into field and cut it back from hedge Grassy area with elm suckers above desire-line path: this was cut in 2010 and will not be recoppiced until 2012, to retain elm suckers and some hogweed. North corner: control bramble encroachment over anthills	Any Sp, S Sp, S, A S, A, W Sp, S, A A, W Sp, S Any
6	East Heath Road	20	Control spread of bramble, trees <i>etc.</i> onto road and grassland. Regularly prune willows to maintain form and maintain safe driver visibility at car park entrance.	W, Sp, S Any
6	Willow Road	21	Keep bramble back to current frontier, with elm suckers removed.	A, W
20, 50	Preacher's Hill	22	Continue habitat management of woodland copses by sensitive coppicing and dead hedging. Cut area of Californian brome repeatedly to stop it flowering	W Sp, S, A
1	Lime Avenue	23	Regularly cut back epicormic growth at base of limes along avenue length	S
1	Vale of Health toilets area	24	Divert run-off along cycle path to limit erosion during heavy rain.	A
36, 38	Hampstead No. 1 Pond	25	<i>Continue establishing marginal plants</i>	Sp, S

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
39 and safety issues	Hampstead No. 2 Pond	26	<i>Remove alders and scrubby oaks from western bank to retain view and let more light into the pond.</i>  Address tree root trip hazards on paths.  <i>Continue establishing marginal plants</i>	Any  Any  Sp
6	Mixed pond meadow	27	Cut grassland regularly, to keep back bramble encroachment.  Prune oaks to retain Christchurch Steeple view.	Sp, S  Any

### Lower Highgate Valley and Parliament Hill Fields

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
4-15 and others	Highgate Valley Parliament Hill Fields	-	The <b>grassland areas</b> will generally be managed in accordance with the March 2000 report, "Grassland management at Parliament Hill Management Area, Hampstead Heath" produced by the London Ecology Unit. A detailed programme of grassland management work for the next few years was agreed by the Consultative Committee meeting on 9 <sup>th</sup> March 2009; this sets the dates and places for grassland mowing.	All year
16-33 and others	Highgate Valley Parliament Hill Fields	-	There will be ongoing implementation of recommendations made in the GLA report, " <b>Woodland, scrub and hedgerow</b> management at Parliament Hill Management Area, Hampstead Heath", 2001	All year
9	Parliament Hill Fields	-	<i>A further area will be sought for creation of a wildflower meadow.</i>	Any
29, 20, 33	First Hedge	27a	<i>Lay eastern section over a 3 year period, the lowest part being layed in 2011.</i>  <i>Cut back edge of southern side at western end to make more graduated habitat. .</i>	W  W
6, 26, 50	Second Hedge	28	Clear saplings growing into grassland below tree copse.  Cut thistles and pull ragwort in this area.  The path around a veteran oak is very beaten down, and so a diversion will be looked at	W  S
32	Tumulus Field	29	<i>Allow regeneration or transplant if necessary 3-4 oak saplings along former hedge line across Tumulus Field, in line with existing veteran trees. Protect securely.</i>  Allow cornfield annuals around new pond to re-seed themselves.  Plant further marginal plants on inside banks of pond	W   Sp
29, 30, 31, 33, 43	Third Hedge	30	<i>Manage according to agreed management work plan. This will include laying a 1-2 metre wide strip on the south side of the hedge in the lowest (eastern) section.</i>  Increase log dams to cope with increased amount of water from Tumulus Field/cycle path	A, W   A,W

<b>Policy No.</b>	<b>Location</b>	<b>Map ref.</b>	<b>Details of proposed work</b>	<b>Timing of Work</b>
4, 6, 7	Southern side of Parliament Hill	31	Continue to manage Sparrows site as wildflower meadow <i>Remove about three smaller oaks down slope of Hedge 1 with eventual aim of having isolated trees in grassland setting</i> Control oak seedlings and saplings above Sparrows site.	Sp, S, A W Sp, S, A
6	Parliament Hill, near The Dump	32	Mow close to fallen tree, to prevent brambles etc growing up around canopy.	Sp, S
7, 50	Parliament Hill scrub thickets	33	Try to control expanding patches of creeping thistle at top of slope above bandstand and above the running track by cutting/topping several times. Also control thistle near the scrub islands but maintain some areas for wildlife.  Lay top shrub island.	Sp, S  W
16	Scrub area at southern end of Men's Pond	34	<i>Coppice shrub bed, using binders round edge to produce an attractive finish</i>	W
50, 17	Grassland by Parliament Hill entrances	35	Cut areas of California brome repeatedly to stop the plant flowering. Ensure area north-west of Parliament Hill (Road) is a mix of bramble and rough grassland by cutting as necessary	Sp, S, A W, S, A
50	Nassington Road Entrance	36	Control a patch of Japanese knotweed immediately north of Nassington Road entrance.	S
E1 of main Management Plan	Heath Life Education Centre	37	Manage the Heath Life Education Centre wildlife garden in accordance with educational and ecological aims. Some trees are now tall and it may be appropriate to consider reducing them.	All year
E1 of main Management Plan	Secret Garden	38	Ongoing maintenance work including planting, pruning, weeding, pond maintenance, tree thinning, mowing and bramble control.	All year
50	Grassland in and around entrance to Secret Garden	39	Cut area of California brome repeatedly to stop it flowering	Sp, S, A
Draft Informal Use policy	Cross-country	-	Re-route course depending on size of event to minimise damage to grassland and veteran trees where possible. Chain harrow/make good after both events. Pre-event: ensure course safe (pruning, scything, wood chip on wet and tarmac areas, mark out course, erect temporary fencing, install infrastructure). Assist in safety of event. Take down afterwards.	A, W
1, visual access	Highgate No. 1 and Men's Ponds	40	Maintain windows onto ponds and reservoirs at the trig point views.  Replace chestnut fencing at south corner of Highgate no 1 pond with green mesh fencing  Plant additional reed at north-west inflow of Men's pond and open marginal edge through coppicing of willow in south-east corner to allow establishment of marginals. This will provide additional protection for nesting swans.	A, W Any
1	Highgate No. 1 Pond	41	Maintain open view across pond by regular coppicing of willows.	A, W

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
42, 45	Boating Pond	42	Maintain floating reedbeds installed in 2010. Erect low wire netting around tern nesting raft on Boating Pond to prevent access to coots and moorhens	All W

## The Heath Extension

Policy No	Location	Map ref.	Details of proposed work	Timing of Work
A1 from Main Management Plan	Path Edges	-	Rough cut path edges throughout growing season.	Sp, S, A
4	Soil bund along Hampstead Way	43	Mid summer grass cut to entire bund.	S
29	Hedge south of Welgarth Road	44	<i>Lay 50m section of hedge south of Welgarth Road, starting at section layed in 2009</i>	W
6	Top meadow	45	Reduce bramble encroachment into meadow on peripheral edges. Cut desire paths adjacent to existing path to divert foot traffic and erosion pressures away from existing eroded path Hand grub any tree seedlings and bramble growing in meadow. Remove epicormic growth from bases of lime trees along road edge.	A, W S Any
6	Meadow above changing rooms	46	Remove seedling trees by hand grubbing. Cut back bramble by 2m if expanding onto meadow.	Any A, W
6, 7	Meadow Ikins Corner	47	Hand grub any seedling trees growing in grassland area. Cut grassland every two years - next cut due late 2012 so no action required 2011 Cut bramble growing on either side of hedgerow running down to ponds, including twice during growing season.	Any - W, Sp, S
7	New hockey pitch	48	Top 50% creeping thistle along hedgerow on west of grassland. Maintain scalloped edge along transition from close mown grass and bramble.	S A, W
7	Meadow west of children's play area	49	Cut 80% creeping thistle along east hedgerow.	S
6, A1 of main Management Plan	Meadow Lower and Upper Weild Field (formerly called Meadow 308)	50	Reduce peripheral bramble by cutting in winter. Target encroachment along north edge and remove any seedling tree encroachment into meadow edges. Maintain horse ride crossing point at top of meadow using wood chip.	W S

Policy No	Location	Map ref.	Details of proposed work	Timing of Work
2b, 7, 20, 29	Meadow at north point (far north-eastern corner of Extension)	51	Hand pull or cut 80% of creeping thistle. Late annual cut leaving refuges. Develop contoured edge between gang mown grass and uncut long grass boundary. Regular cut to hawthorn hedge. <i>Create three trial grassland management strips and monitor to assess changes in vegetation. One strip to be cut early in April/May. One strip to receive mid summer (e.g. July) hay cut. One strip to be cut mid summer and then late.</i>	S S Sp, S  Sp, S Sp/S
-	Eastern edge of Extension	52	Maintain cut grass strip at base of privet hedges at the rear of private gardens	Sp, S
4	Damp triangle	53	Allow to develop as rough grassland dotted with tree and shrubs, which will in future be coppiced.	-
16	Copse of aspen saplings	54	Weed as required. Keep free of everything except aspen; do not thin aspens, however.	All year
Access, 50	Hedgerows generally	-	Remove non-native tree seedlings. Cut back horse ride hedgerow. Reinstate signposting of horse ride	W S Any
20	Hedge between cricket and football pitches	55	Retain 4m bramble/grassland fringe out from hedgerow, leaving some wide sections clear to give occasional access to the stream.	W
6	Hedgerow between horse ride and junior cricket field	56	Hand grub tree seedlings growing in uncut area of grass and allow habitat to improve for meadow ants. Cut thistle areas to east and west in July to stop spread into area of ant hills.	W, Sp, S
46	Large Cricket Field	57	Maintain native black poplar cutting at lower north corner of field. <i>Plant additional black poplar.</i>	Sp, S W
A1 main Management Plan	Pavement edge general	-	Lift all trees and shrubs to 2m high and cut back to pavement edge as necessary.	Any
4, 20, 50	Heath Extension meadows	-	Generally, the meadows will receive a late cut. In some cases the following will also take place: <ul style="list-style-type: none"> <li>removal of thistles, seedling trees and ragwort.</li> <li>development of scalloped edge between gang mown and unmown grass.</li> <li>reduction of the amount of bramble and some thistle where prolific on peripheral edges.</li> </ul>	S  S S  S, A, W
50	Woodland area to east of ponds	58	<i>Remove non native saplings from woodland adjacent to horse ride.</i>	A, W
16, 18	Old wood banks to east of Extension ponds	59	Remove holly if suppressing young trees and older coppice stools along wood bank hedge line	W

Policy No	Location	Map ref.	Details of proposed work	Timing of Work
1	Near damp patch	60	Maintain viewing windows on both sides to give more views of the stream.	W
36	Small extension pond	61	Remove up to 75% of emergent vegetation to maintain area of open water	W
30	Northern-most rugby pitch	62	<i>Lay small 15m section of hedge alongside streamline towards top rugby pitch.</i>	W
1, 36, 39, 46, 50	All Extension ponds	63	<p>Implement compartment management work plan to combine recommendations of <i>Odonata</i> (dragonflies and damselflies) expert with other management considerations.</p> <p>Continue the rotational cutting of bramble from within 2m of pond edge. Continue coppicing of hazels and hollies, and remove tree seedlings from banksides to increase light levels and thereby improve marginal flora and <i>Odonata</i> habitat.</p> <p>Monitor for re-invasion of New Zealand pigmyweed (<i>Crassula helmsii</i>)</p> <p>Monitor for re-invasion of Himalayan balsam.</p> <p>Late cut to west edges of ponds to maintain view-points and prevent scrub growth in grass areas.</p> <p>Replace all wooden fencing with sheep fencing as and when wooden fencing needs replacing</p> <p>Maintain view points to all ponds from adjacent fence lines through regular summer cuts.</p> <p>To improve view across Pond Field to the ponds, remove sapling trees and blocks of bramble on the public side of the fence and remove the remaining island of saplings by the main path</p>	<p>Any</p> <p>A, W</p> <p>Sp, S</p> <p>S</p> <p>S</p> <p>Any</p> <p>S</p> <p>A, W</p>
50	Pond nos. 2, 3 & 5	64	Monitor for re-invasion of parrot's feather ( <i>Myriophyllum aquaticum</i> ) and control if necessary	S
36	Pond no. 5	65	Partially remove emergent vegetation in pond no. 5 to increase depth and area of open water. Place arisings near ponds nos. 4, 5 and 6 where arisings have been placed formerly, and where marginal plants are now growing, avoiding area where willowherb is dominant.	A
39	Pond no.2	66	Lay shrub section along northern edge of pond no. 2.	
36, 39, 43	Ponds nos. 1 and 2	67	<p>Coppice young tree and scrub growth from the western edge of the streamline running between ponds nos. 1 and 2 to increase light to stream.</p> <p>Place logs weirs along the streamline to trap sediment and encourage pooling.</p> <p>Place low natural hurdle along northern section of pond 1 to reduce disturbance of pond sediments.</p>	<p>W</p> <p>Any</p> <p>A,W</p>

## West Heath & Judges Hollow

Policy no.	Location	Map ref.	Details of proposed work	Timing of Work
2, 7	Flagstaff	68	Regular cut, but with mid-summer window to allow flowering of wildflowers.  Maintain view from benches towards Harrow.	Sp, S, A
13, 14	Flagstaff Gorse patch	69	Coppice compartment of gorse on 6-8 year rotation and remove seedling sycamore, birch and Turkey oak within compartment. Review management at year end with the view to increasing rotation length.  Plant any open areas with gorse.  <i>Expand area of gorse eastwards through the selective felling of poorly formed saplings</i>  <i>Create small glade in developing woodland</i>	A, W  A, W A, W  W
13	Heath lands, next to Jack Straws car park	70	Late annual cut, leaving areas uncut as refuges.	S, A
7, 9	Meadow below Pergola	71	Mid summer/late summer cut, leaving areas uncut as refuges.  <i>Create trial wildflower area in meadow section by turf stripping and seeding with annual and/or perennial wildflower mix.</i>	S  A, Sp
13	Heather stand on slope by Hill Garden middle gate (old section of Pergola)	72	Weed existing heather and grow on gorse seedlings for future planting.  Keep base of Hill Garden wall clear of vegetation by strimming.  Control bracken	S, A, W  Sp, S, Sp, S
13, 46	Area opposite Hill Garden main gate, adjacent to North End Way	73	Remove bramble and bracken encroaching upon lily of the valley and grassland.  Weed and maintain heather.	W, Sp  Sp, S
13	Inverforth Close / Hill Garden heather site	74	Weed and maintain established area of heather.  Cut a small section of overmature and dying heather to regenerate section	Sp, S  W
13	Drying Ground	75	Weed and maintain heather areas  Remove bramble encroachment in acid grassland from the edge of hedgerow adjacent to private gardens.  Maintain open aspect under pine trees by removal of bramble and scrub.	S, A, W  W, Sp, S  W
7, 50	Grass square opposite Bull and Bush public house	76	Late cut to grass, removing cuttings. Cut away from road edge.  Control knotweed.	S, A  S
7, 29	Cuttings Path	77	<i>Coppice hedgerow on rotation</i> ; maintain grass bank with late annual cut.	A, W
A1 from main Management Plan	Sandy Road	78	Keep grass edge mown throughout growing season	Sp, S

Policy no.	Location	Map ref.	Details of proposed work	Timing of Work
6, 13	Heather site adjacent to main path leading through West Heath 50m in from dump	80	Control bracken on slope adjacent to above area. Regular cuts of newly opened grass areas to prevent scrub encroachment.	Sp, S S,A
39, 40	Leg of Mutton Pond	81	Cut back holly and coppice/pollard selective trees from pond banks, including pollarding two willows, on a 4 year rotation to allow light to penetrate marginal areas. Prevent regrowth in areas of good emergent vegetation.  Plant in marginal and emergent vegetation into shallower causeway end of pond.	W  Sp, S
34	Dump-Sandy road	82	<i>Coppice/law scrub island to south of dump</i>	W
34 and access issue	Park entrance opposite Leg of Mutton pond	83	Open up entrance through coppicing	A,W
39, 43	Streamline between West Heath Bog and Leg of Mutton pond	84	<i>Create pools in the feeder stream to Leg of Mutton pond to slow down water flow and allow silt to settle before it reaches the pond. Create a small pool in a glade near the upper end by damming the stream, felling several small trees to provide wood for the dam and increase light levels, and removing several hazels. Further down, create another dam and remove several holly trees to allow more light to reach the ground; reassess in 2 years' time.</i>  <i>The dam behind Leg of Mutton pond was repaired but has breached again. Three trees will be felled and the timber used to repair the dam for a second time.</i>	Any  Any
50	Woodland rear of garden fences (area south-west of Leg of Mutton Pond)	85	Monitor and control Japanese knotweed.	Sp, S
13, 16, 22, 50	Main body of West Heath woodland	86	Weed and maintain patches of heather. Develop and increase deadwood habitat piles. Place timber in bramble in dappled shade. Maintain open glades through removal of sycamores.	S, A Any W
Access issues	West Heath Road side	87	Keep road edge and bollards visible by close mowing throughout season.	Sp, S
7, 20	West Heath Meadow	88	Late cut to lower part of meadow, leaving refuges. Maintain gradation from woodland to grassland by coppicing birches along edges where required.	Sp, S W

Policy no.	Location	Map ref.	Details of proposed work	Timing of Work
36, 44	West Heath valley mire (West Heath Bog)	89	Remove encroaching bramble from dwarf willow and from around seepage points.  Cut <i>Juncus</i> and <i>Glyceria</i> prior to frost to allow improved growth of sphagnum species  Repeat cuts throughout season to remove bramble growing in all damp areas.  <i>Attempt to expand Sphagnum species through pool re-creation and translocation.</i>  Maintain low herbage through regular cutting. Monitor for development of <i>Sphagnum</i> .  Open up area between West Heath meadow and the bog area through removal of scrub and selective lifting and thinning of trees. This will increase the area of acidic floral species such as tormentil.	S  A  S, A  Any  Sp, S, A  A, W
36 & A1 main Management Plan	Whitestone Pond	90	Maintain new pond to specifications outlined by City Surveyors.	All year
7, 50	Flat area at top of Judges Hollow, close to Flagstaff	91	Undertake early cut and top thistle within grassed area.	Sp, S
Access issues	Lower corner West Heath Road/Branch Hill junction	92	Maintain sightlines for traffic on lower bend. Cut back road edge from Branch Hill junction down to West Heath Meadow if necessary road closure can be obtained	Sp, S, A
7, 13	Judges Hollow small wooded area and steep slope	93	Late annual cut to 50% of steep slope.  An isolated and expanding area of nettle and thistle on the edges of the bank needs a regular cut to prevent expansion into the acid grassland.	S  S,A
6, 7, 50	Judges Hollow lower section and gentle slope	94	Cut patches of nettle amongst fine grasses, to reduce vigour.  Selective cut during May and July to reduce aggressive coarse grass species. Remove all cuttings. Monitor and review.  Remove bramble and seedling trees encroaching on to all open grass areas.	S  Sp, S  W, Sp, S
6, 13, 14	Judges Hollow area of mature gorse	95	Remove any seedling sycamores.  Maintain and expand area of gorse with supplementary planting	W  W
7, A1 main Management Plan	Judges Hollow lime and chestnut avenue	96	Late cut of grass next to houses.  Prune epicormic shoots on lime trees into aesthetic shape to improve appearance of avenue.	A  W

# Sandy Heath

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
H6 of History Topic Paper	Turner's firs	97	<i>Restore views to group of conifers (Turner's firs) by felling two Turkey oaks.</i>	W
Access issues	Path from Spaniards Green to Ikins corner	98	Cut back bramble encroachment onto path.	W
20, 47	Sandy Road	99	Continue cutting 2 coupes per year along ride on 5 year rotation. Cut back path edge 2m during July. Monitor re-growth throughout season.	W S S, A
H1 of History Topic Paper, 7, 43, 47	Cooling Track	100	Monitor and remove tree seedlings along ditch line as necessary. Glade opposite Extension top locking bar: late cut at end of season. Clear Cooling Track ditch culvert as necessary.	W A All year
1, 50	Old Sand Pit, behind Heath House	101	Remove seedling sycamores. Shape low epicormic growth from lime trees by bench.	W W
7, 22, 46, 50	Woodland next to path and horse chestnut avenue, south of end of North End.	102	Monitor, and if necessary reduce, bramble encroaching onto area of lily of the valley. Late cut to area to remove bramble and ivy encroachment. <i>Develop the deadwood habitat.</i> Remove sycamore seedlings and Turkey oak seedlings growing in glades.	W S, A Any W
2b, 2e	Suitable area of invasive bracken	103	<i>Trial rolling bracken to assess whether this controls it</i>	
13, 15, 36, 39, 46	All Sandy Heath ponds	104	Draft a management work plan to combine recommendations of <i>Odonata</i> (dragonflies and damselflies) expert with other management considerations. Coppice/remove small deciduous trees surrounding pond edges on 4 year rotation. Remove bramble developing in damp shaded areas and over acid grassland. Remove selected emergent vegetation to prevent succession and maintain area of open water. Regular cut of grass area adjacent to pond No.4 to establish and maintain as acidic grassland.	Any W W S, A, W Sp, S

14, 50 and access issue	Pitt's Garden	105	<p>Weed and maintain heather plantings; remove pine tree seedlings and saplings. Remove lower limbs on pine trees except that nearest path crossroads. Remove willow saplings.</p> <p>Remove two small pines growing in heather area</p> <p>Keep listed wall adjacent to North End clear of vegetation, but retain ivy-leaved toadflax in masonry.</p> <p>Remove some bramble and buddleia and coppice gorse along top of crib wall bank.</p> <p>On the path by the fence adjoining North End Way, maintain margins as grassland and prevent scrub encroachment.</p> <p>Control bamboo and rhododendron</p>	<p>W, Sp, S</p> <p>Any</p> <p>S</p> <p>W</p> <p>Sp, S, A</p> <p>A, W</p>
6, 7, 46	Paddock	106	<p>Grub out tree seedlings and bramble in grassland as necessary. Reduce thistles, to encourage finer-leaved grassland.</p> <p>Early spring cut to 80% of meadow leaving refuges, to encourage later-flowering scabious, and repeat cut in summer.</p> <p><i>Transplant scabious around paddock area to encourage its spread.</i></p>	<p>S, W</p> <p>Sp, S</p> <p>W</p>
6, 7, 13, 50	Large (Summer) Meadow	107	<p>Cut majority of Canadian golden rod, Russian comfrey and Michaelmas daisy.</p> <p>Remove non-native tree seedlings in peripheral areas of meadow</p> <p>Early spring cut (around March) to allow invertebrates to overwinter in dead stems</p> <p>Cut back bramble edge on south side by 3m</p> <p>Continue to remove saplings coming up through gorse</p>	<p>S</p> <p>W</p> <p>Sp</p> <p>A W</p> <p>W</p>
13, 14, 15	Gorse patch	108	<p>Cut individual compartments on 8 year rotation. Remove bramble suppressing mature gorse and bramble encroaching into recently cleared areas. Plant potted gorse into any gaps. Review management at year end with the view to increasing rotation length.</p> <p>Control bracken.</p> <p>Expand the area of gorse towards the south-west of the existing patch near the paddock.</p>	<p>W</p> <p>Sp, S</p> <p>W</p>
16, 22	Woodland adjacent to Spaniards Road	109	<p><i>Develop deadwood habitat.</i></p> <p>Remove cycle jumps.</p>	<p>Any</p> <p>All year</p>
H6 of History Topic Paper	North End Green – corner of North End & North End Avenue	110	<p>Cut bramble beneath the trees to open up the view of the Green from North End Avenue. Remove ash saplings &amp; replace rotten boundary posts.</p>	<p>A, W</p>
Access issue	Woodland edge north end Bridle Cottage entrance	111	<p>Maintain open aspect along Bridle Cottage wall.</p>	<p>W</p>
16, access	Hill above Wyldes Farm	112	<p>Remove small sweet chestnut abutting road.</p> <p>Maintain a 5m wide grass verge by cutting twice a year.</p> <p>Remove small holly re-growth and saplings.</p> <p>Cut low bramble on bank in summer.</p>	<p>W</p> <p>Sp, S</p> <p>W</p> <p>S</p>

1, access	Wyldes Farm Access Road	113	Remove any garden rubbish. Strim round bollards throughout season. Selectively thin trees growing into road	All year All year W
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### Area around Kenwood: South Meadow, Stock Pond, Ladies Pond, Bird Sanctuary and Cohen's Fields

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
4, 7	Grasslands generally	-	Mow according to schedule agreed by the Consultative Committee meeting on 9 <sup>th</sup> March 2009	Sp, S
7, 16, 19, 50	Lower South Meadow	114	Prepare Compartment Management Work Plan Continue programme of eradicating Himalayan balsam from streamline by hand pulling, but avoiding damage to scaly male fern on stream banks at eastern end. Maintain mosaic of open woodland with grassy glades, with a gradation from tree canopy and bramble to grassland. This will entail appropriate grass cutting, bramble control, removal of unwanted tree saplings and maintaining glades by relocation of fallen timber into deadwood habitat piles in dappled shade.	S All year
36, 47, H6 of History Topic Paper	Lower South meadow stream culvert crossing	115	Remove further sycamore saplings and coppice more young birch to open up streamline and allow views across Ladies Pond meadow. Cut round area where cuckoo flower grows.	W Late summer
7, 16, 19, 26, 47	Upper South Meadow	116	Prepare Compartment Management Work Plan Maintain mosaic of open woodland with grassy glades, with a gradation from tree canopy and bramble to grassland. This will entail appropriate grass cutting, bramble control, removal of unwanted tree saplings and maintaining glades by relocation of fallen timber into deadwood habitat piles in dappled shade. <i>Remove several further trees mid-way through closed canopy wooded area to release veteran oaks and create more canopy gaps.</i> Early cuts to open grass areas June/July. Protect emerging bluebells from trampling by further temporary placement of fallen branches if necessary.	All year Sp, S S Sp, S Sp
Assess issue	Chubb shelter	117	Clear any woody scrub obscuring shelter as necessary.	A, W
1, 50	S.S.S.I Kenwood buffer zone	118	Manage buffer zone in accordance with management work plan agreed with English Nature Hand pull or scythe small balsam prior to seeding	Sp, S Sp, S
16, 18, 29, 39,	The Orchard	119	Cut hedges; cut back nettles and other vegetation from paths.	W

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
access			Control Japanese knotweed. Continue to coppice area of hazel/ash on a 7 year rotation. Plant additional hazel to fill any gaps. Clear round recently planted hazels. Clear round ferns near upper corner. Maintain light levels to pond through selective coppicing. <i>Remove one large sycamore tree.</i>	S W W Any W
Infra-structure maintenance	Kenwood Nursery	120	Prune back ivy, honeysuckle and buddleia growing along and on top of Hampstead Lane wall as necessary.	A
46, 50, visual access	New Cohen's field ponds	121	Monitor for invasive species and remove as necessary. Do not allow shrubs and climbers along fence to grow higher than fence line	Sp, S All year
6, 20, 29, 50, access issues	Cohen's Fields	122	Remove saplings and cut back bramble alongside ditch line from the Orchard to Goodison Fountain. Hand pull Himalayan balsam. Control knotweed re-growth above Goodison Fountain hedge line. <i>Thicken understory along Stock Pond Path beside Lower Cohen's Field by laying shrubs</i> Cut back bramble islands developing under isolated trees to tree canopy and remove any tree regeneration within these bramble islands. Maintain ditch to upper new pond to retain crossing point <i>Lift oak limbs alongside north west edge of lower Cohen's field to improve woodland fringe and graduation from woodland to grassland, to benefit grass snakes in particular.</i>	A, W S, A S A, W A, W All year Any
7, 9	Harry's compartment: Top meadow	123	Continue to manage as open grassland by cutting initially in spring and autumn.	Sp, A
7	Pipeline triangle	125	Early summer cut to Triangle area to reduce coarse grass vigour and encourage later flowering knapweed and bedstraw.	S
1 and others	Athlone House land acquisition	126	Management according to detailed management plan already prepared.	All year
50, 16	Cohen's Wood	127	Hand pull Himalayan balsam throughout area. <i>Thin oaks in eastern section of wood and use timber for projects around the Heath.</i>	S A, W
36	Stream line from Cohen's woods to Ladies pond	128	Maintain dams and aquatic vegetation to improve water quality along catchments. Further clearance and dam creation may be necessary.	All year
1, 36, and others	Ecofield	129	Ongoing maintenance work including planting, pruning, weeding and mowing. Restoration of pond desirable if resources are available. Cut Leyland hedge. Plant sunflowers again for bees.	All year S Sp

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
1, 6, 11, 47, 50	Ladies Pond meadow	130	<p>Prune tips of isolated ash sapling in damp area back 1m to retain as bird perch but not let it grow into a tree.</p> <p>Hand grub tree seedlings growing in grassland</p> <p>Cut back periphery of isolated island of bramble 1m around edges.</p> <p>Monitor/remove thistle and ragwort encroachment around edge of damp area.</p> <p>Cut bramble patch developing along tarmac path and southern streamline back during winter and repeat cut three times during growing season</p> <p>Remove bramble succession over area containing broadleaved helleborine.</p> <p>Reduce erosion to developing paths by cutting wide alternative desire lines adjacent to existing paths during the summer.</p>	<p>W</p> <p>Any</p> <p>A, W</p> <p>S</p> <p>W, Sp, S</p> <p>W, Sp, S</p> <p>S</p>
47, 50	Stock Pond meadow	131	<p>Monitor possible spread of bracken along edge and extent of rush</p> <p>Cut invading rush in cold weather to reduce vigour, leaving main long patch beside path</p>	<p>S</p> <p>A, W</p>
36, 39	Ladies Pond enclosure	132	<p>North-west edge of pond: remove woody debris from water and coppice 15m section of bankside to encourage emergent vegetation and reduce debris encroachment into the swimming area.</p> <p><i>Enhance wetland area through creation of pools at the northern marsh area of the pond.</i></p>	<p>W</p> <p>Sp</p>
36, 46	Stock Pond	133	<p><i>Coppice 2 young oak trees at north-west end to increase light levels to filter bed.</i></p> <p><i>Continue to selectively thin and lift bank-side trees to increase light levels and reduce leaf litter and plant in marginal and aquatic vegetation into areas with sufficient light levels.</i></p> <p>Clear round wild service tree saplings</p> <p><i>Re-open canopy from northern marsh area. Remove seedling alders.</i></p>	<p>W</p> <p>W, Sp</p> <p>Any</p> <p>W</p>
6, 16, 36, 39, 42, 45, 46, 50, visual access	Bird Sanctuary	134	<p>Control Himalayan balsam and giant hogweed.</p> <p>Weekly clean and refill bird feeder.</p> <p>Lay or coppice small hedgerow in front of bird feeder, to maintain visibility</p> <p>Coppice 10% of willows and alder along eastern edge. <i>Regular coppice or removal of recent regrowth from large birch tree southwards on one year rotation, to provide more light to water. Avoid work near kingfisher nesting bank. Establish marginal vegetation (excluding reed).</i></p> <p>Continue to expand wet meadow area to east of pond through selective coppicing of trees and scrub encroachment.</p> <p>Coppice alder and dogwood on south end of pond to maintain viewing points</p> <p><i>Coppice hazel area to east of pond on a 7 year rotation. Remove competing elm scrub.</i></p> <p>Continue with implementation of management plan for the Bird Sanctuary reedbed.</p> <p>Create large pool/channel at north side to increase wetness and habitat for</p>	<p>S</p> <p>All Year</p> <p>A, W</p> <p>A, W</p> <p>A, W</p> <p>A, W</p> <p>W</p> <p>All year</p> <p>W, Sp</p>

Policy No.	Location	Map ref.	Details of proposed work	Timing of Work
			reedbed Dig further pools in western wet meadow to prevent drying out. Cut eastern dry meadow to prevent scrub encroachment <i>Continue to increase reedbed area through selective felling of birch and willow along north west edge of pond.</i> Winch out split birch at northern end, leaving roots to regrow. <i>Consider opening up viewing window again from corner nearest Millfield toilets</i>	W, Sp Sp, A A, W A, W, Sp W

# Arboricultural works

## Veteran Trees

Policy no.	Location	Details of proposed work	Timing of work
25, 26	Various locations within the 9 Veteran Survey areas	<p>Management to tranche of next 50 nominated trees from the Veteran Survey.</p> <p>Proposed works to include:</p> <ul style="list-style-type: none"> <li>Haloing adjacent tree canopies</li> <li>Felling selective encroaching trees</li> <li>Retrenchment pruning</li> <li>Dead hedging</li> <li>Mulching</li> <li>Moving paths/targets</li> </ul>	Autumn / Winter

## Wild service trees

Policy no.	Location	Details of proposed work	Timing of work
25, 26, 46	Various Locations across the Heath	<p>Continue to record new found specimens</p> <p>Works to 10 nominated Trees</p> <p>Proposed works to include:</p> <ul style="list-style-type: none"> <li>Haloing adjacent tree canopies</li> <li>Felling selective encroaching trees</li> <li>Retrenchment pruning</li> <li>Dead hedging</li> <li>Mulching</li> <li>Moving paths/targets</li> </ul>	Autumn / Winter

## Unprogrammed and routine tasks

Policy no.	Location	Details of proposed work	Timing of Work
Public safety; 16, 22, 24	Various locations across the Heath & Queen's Park	<p><u>Emergency works</u> to include:</p> <p>Making safe windblown and recently identified (Arbortrack) unstable &amp;/or decayed trees</p> <p>Felling dead elm regeneration</p> <p>Retrieval of kites and other foreign objects</p> <p>Crown lifting for Public/Transport access</p> <p><u>Remedial tree works</u> to include:</p> <p>Reduction, felling, pollarding &amp; coppicing</p> <p>These works produced from Arbortrack survey.</p>	All Year

## Additional works

Policy no.	Location	Details of proposed work	Timing of Work
	Burnham Beeches	Veteran Beech Pollard restoration	Jan 2011
	Haringey	<p>Working Party –</p> <p>Assisting neighbouring LA to carry out Woodland conservation</p>	Winter

# Formal areas

## Parliament Hill Fields areas

Policy Interim Plan	Area	Description	Timing of work
77 - 80 105 106	Cricket Square and Outfield	Maintain cricket table and out field which will include mowing, preparation and re-instatement of individual wickets, rolling, fertilising and irrigation. Priority will be given to non-chemical control methods.  Inspect and maintain cricket practice nets.  Monitor new artificial cricket surface.	Sp, S
77-80 105 106	Cricket Square and Outfield	End of season renovation of cricket table to include deep scarification, solid tine aeration, top-dressing with surrey loam, over seeding with dwarf perennial rye grass, disease and weed control.  Priority will be given to non-chemical control methods.	A
81	Cricket Enclosure	Maintain blackthorn, hawthorn, rosa, buckthorn whips along East and Southern boundary of cricket enclosure. This will soften the boundary whilst encouraging the natural aspect of the Heath.	All Year
77-80 105 106	Bowling Green	Maintain bowling green to include three weekly mowing, monthly verti-cutting, aeration, fertilising, disease, weed, moss control. Priority will be given to non-chemical control methods. Irrigation, divot repairs and marking out and rotation of individual rinks will be an ongoing task during the playing season.	Sp, S
77-80 105 106	Bowling Green	End of season renovation to include scarification, aeration, top dressing, over seeding with bent & fescues mix. Disease, weed and moss control. Priority will be given to non-chemical control methods, for example, daily dew removal to discourage disease outbreaks and dispersal of worm casts.	A
77-80 105 106	Grass Sports Areas: 2 soccer pitches / 1 rugby training grid / 6 schools training grids / 1 soft ball area / 3 rounder areas / 4 mini soccer training grids	Maintain grass sports pitches and training grids which will include marking out, setting out goal posts, mowing; preparation and re-instatement of individual areas and fertilising. Routine checking of goal post will be completed by daily inspections.  Priority will be given to non-chemical control methods.  Maintain and foster close working relationships with neighbouring schools and encouraging usage of facilities.	A, W, Sp
77 - 80 105 106	Grass Sports Areas: 2 soccer pitches / 1 rugby training grid / 6 schools training grids / 1 soft ball area / 3 rounder areas / 4	Renovation of grass pitches and grids to include aeration to overcome surface compaction, top-dressing and over-seeding centre circle and goal month areas. Repairing and checking goal posts, nets and sockets. Priority will be given to non-chemical control methods.	Sp

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
	mini soccer training grids		
77 - 80 105 106	Athletics Track	Daily inspection of track (including hammer cage / pole vault, long jump and javelin run-ups / high jump fan / shot putt landing area / throwing areas etc to check for debris and wear and tear. Check sand depth and quality, replace as necessary. Keep abreast with current UK Athletics regulation changes. Routine checking of hurdles / landing mats / hammer wires / throwing equipment / pole fault and high jump stands and bars / judges stand / starting blocks / flags / relay batons. Replacement and repair as necessary. Setting out of track for meetings and training events (including schools). Ensuring the changing facilities including toilets are in a clean and tidy state on a daily basis. Maintain grass centre area and routinely replace divots	All Year
77 - 80 105 106	Petanque Area	Daily checking of Petanque area to include debris removal, raking and replacement of topdressing material as necessary. Continual monitoring of weed and moss growth.  Priority will be given to non-chemical control methods.	All Year
77 - 80 105 106	Tennis Courts	Maintain ten hard tennis courts to include daily inspections for debris, vegetation, wear and tear. Daily checking of nets and fencing. Management of bookings from 1 April to 31 September and also weekend bookings from 01 October to 31 March. Monitor open access during the winter season.  Priority will be given to non-chemical control methods for the control of moss and algae.	All Year
71 77 87 105 106	Informal Recreational Grass Areas (Dukes Field / Stone of Free Speech / Bandstand / Sports Areas Surrounds / Children's Enclosure).	Grass cutting of individual grass recreational areas a minimum once every seven days (but relax grass cutting, as far as possible compatible along the grass edges.  Daily collection of litter, debris and dog faeces.	Sp, S, A
25 28 81	Natural Grassland Areas in Parliament Hill	Management of recently developed natural grass areas to encourage flora and fauna and extend the natural aspects of the Heath into this municipal area.	Sp, S
25 28 81	Natural Grassland Areas in Parliament Hill	Yearly cut and collection of designated areas on a three yearly cycle. All arisings to be re-cycled and removed to Regis Road.	A
16 81 105 106	Specimen Trees	Maintain specimen trees to include irrigation, pruning for vigour, form, safety, weed and disease control, checking of tree stakes. Priority will be given to non-chemical control methods.	All Year
68	Public Toilets	Ensure daily cleaning, regular checks, maintenance and upkeep.	All Year
38 39	Shrub Beds	Maintain shrub beds to include mulching, routine, formative and regenerative pruning. Non-chemical weed and disease control via hoeing and removal or pruning out dead plants or branches. Hand irrigation if	A, W

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
40		necessary. Priority will be given to non-chemical control methods.	
38 39 40	Lodge Garden, Highgate Road	Maintain mixed shrub planting, and lawn to include pruning, mowing, and irrigation, fertilising, pest, weed and disease control. Manage lawn as a spring bulb meadow.	A, W
23 24	Hedge Rows at Highgate Road, Tennis Courts, Petanque and Bowling Green	Cut hawthorn hedges to an appropriate height to encourage vigour, density and maintain views. Priority will always be given to the bird nesting season.	Sp, A
62 70	Memorial Benches / Litter bins / Tennis Hut Shelter / Tennis Huts	Repair and re-stain benches and remove graffiti and bird droppings.	All Year
46 50	Footpaths, Signage, Fences	Footpaths, signage, fences will be checked on a daily basis and repairs carried out as and when required. Grass edging will be carried out during the growing season and wooded edging boards repaired as necessary.	All Year
110	Routine patrolling of Parliament Hill Area	Visual present will be maintained by Keeping staff during opening hours. Staff will interface with the public and hand out information answer enquires and monitor bye-laws as necessary.	All Year
	Christmas Tree	Erection and, later, dismantling of Christmas Tree by main Highgate Road Entrance.	W
13	Heath Hands Volunteers	Provide a programme for Heath Hand volunteers for the horticulture projects and works undertaken at the Parliament Hill area.	Sp, A W
	<b>Parliament Hill Fields</b> Projects	<ol style="list-style-type: none"> <li>1. Plant up two planters at the entrance to Highgate Road with native species.</li> <li>2. Remove shrub planting from outside Education Centre and replace with grass. All birch trees to remain on site. This project will “plan out” an area where anti social behaviour is taking place.</li> <li>3. Gap up sections set aside for seasonal bedding in bowling green with permanent plantings.</li> <li>4. Install additional benches in various locations in the Parliament Hill area – south of the main path e.g. in front of the café and around the external boundary to the track.</li> </ol>	A, W A, W A, W A, W

## Golders Hill Park, Hill Garden and the Pergola

(Includes Sports Areas on the Heath Extension & Keats House)

Policy Interim Plan	Area	Description	Timing of work
77 - 80 105 106	<b>Heath Extension</b> 4 Cricket Squares and Outfield 1 Temporary Children's Cricket Square	Maintain cricket table and out field which will include mowing; preparation and re-instatement of individual wickets, rolling, fertilising and irrigation.  Priority will be given to non-chemical control methods.  Inspect and maintain 2 cricket practice nets.	Sp, S
77 - 80 105 106	<b>Heath Extension</b> 4 Cricket Squares and Outfield 1 Temporary Children's Cricket Square	End of season renovation of cricket table to include deep scarification, solid tine aeration, top-dressing with surrey loam, over seeding with dwarf perennial rye grass, disease and weed control. Priority will be given to non-chemical control methods.  Erect post and chain fence during off season.	A
77 - 80 105 106	<b>Heath Extension</b> Grass Sports Areas: 3 football pitches / 2 rugby pitches / Hockey Pitch / 1 school running track	Maintain grass sports areas which will include marking and setting out goal posts, mowing; preparation and re-instatement of individual areas and fertilising. Priority will be given to non-chemical control methods.  Maintain and foster close working relationships with sports and leisure administration officer, and encourage usage of the facilities with sports clubs and neighbouring schools.	A, W, Sp
77 - 80	<b>Heath Extension</b> Grass Sports Areas: 3 football pitches / 2 rugby pitches / Hockey Pitch / 1 school running track	Renovation of grass pitches to include aeration to overcome surface compaction, top-dressing and over-seeding centre circle and goal mouth areas. Repairing and checking goal posts, nets and sockets.	Sp
71 77 87 105 106	<b>Heath Extension</b> Informal Recreational Grass	Grass cutting of individual grass recreational areas a minimum once every seven days. Priority will be given to non-chemical control methods. Daily collection of litter, debris and dog faeces.	Sp, S, A
68	<b>Golders Hill Park x 2 / Heath Extension x 1</b> Public Toilets	Ensure daily cleaning of toilets and regular checks.  Two deep clean during the year.	All Year
110	<b>Golders Hill Park / Heath Extension / Pergola</b> Routine patrolling	Visual presence will be maintained by keeping and gardening staff during opening hours. Staff will interface with the public and hand out information answer enquires and monitor bye-laws as necessary.	All year
77 - 80 105	<b>Golders Hill Park</b> 2 Grass Tennis Courts	Maintain grass tennis courts and croquet squares to include twice weekly mowing, monthly verti-cutting, aeration, fertilising, disease, weed, moss control.	Sp, S

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
106	2 Croquet Squares 1 Putting Green 2 Golf Practice Nets	Priority will be given to non-chemical control methods. Irrigation, divot repairs and marking out and rotation of individual courts.	
77 - 80 105 106	<b>Golders Hill Park</b> 2 Grass Tennis Courts 1 Croquet Square 1 Putting Green 2 Golf Practice Nets	End of season renovation of grass tennis courts, putting green and croquet lawns to include scarification, aeration, topdressing, over seeding with bent & fescues mix. Disease, weed and moss control.  Priority will be given to non-chemical control methods, for example, daily dew removal to discourage disease outbreaks and dispersal of worm casts.	A
77 - 80 105 106	<b>Golders Hill Park</b> 4 Hard Tennis Courts	Maintain four hard tennis courts to include daily inspections for debris, vegetation, wear and tear. Daily checking of nets and fencing. Taking of tennis booking from 1 April to 31 September and also weekend bookings from 01 October to 31 March. Monitor open access during the winter season.  Priority will be given to non-chemical control methods for control of moss and algae.	All Year
25 28 81	<b>Golders Hill Park</b> Natural Grassland Areas Orchard Meadow / Dell Area	Management of natural grass areas to encourage flora and fauna. Pathways cut through on a weekly basis and areas has is "framed". Extension of the natural grass land at the bottom end of the Orchard Meadow	Sp, S
25 28 81	<b>Golders Hill Park</b> Natural Grassland Areas Orchard Meadow / Dell Area	Yearly cut and collection - all arisings to be re-cycled to Regis Road.	A
16 81 105 106	<b>Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden / Keats House</b> Specimen Tree Management	Maintain specimen trees to include irrigation, pruning for vigour, form, safety, pest, weed and disease control, checking of tree stakes. Priority will be given to non-chemical control methods.  Review mowing schedule around base of trees on a individual basis. Annual cut of long grass at the end of grass growing season.	All Year
38 39 40 105 106	<b>Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden / Keats House</b> Shrub Bed Management	Maintain shrub beds to include mulching, routine, formative and regenerative pruning. Non-chemical weed and disease control via hoeing and removal or pruning out dead plants or branches. Hand irrigation if necessary. Priority will be given to non-chemical control methods.	A, W
23 24	<b>Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden / Keats House</b> Hedge Management	Cut hedges to an appropriate height to encourage vigour, density and maintain views.  Priority will always be given to the bird nesting season.	Sp, A
38	<b>Golders Hill Park</b>	Install hanging baskets and maintain to include weed & disease control,	S

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
39 105 106	Hanging Baskets by Café	dead-heading, fertilising and daily irrigation.  Priority will be given to non-chemical control methods.	
38 39 105 106	<b>Golders Hill Park / Keats House</b> Seasonal Bedding	Design bedding scheme.  Preparation of bedding areas, including incorporating organic matter, planting, weed and disease control, dead-heading, fertilising, irrigation, gapping-up. Priority will be given to non-chemical control methods.	All Year
85 86 87	<b>Golders Hill Park / Heath Extension</b> Children's Play Areas	Children's play areas will be formally checked by qualified playground inspectors on a weekly basis. Daily visual inspections will be carried out by keeping staff. Annual external playground inspections will be carried out by ROSPA.	All Year
90	<b>Golders Hill Park</b> Zoo	Recommendations from the London Borough of Barnet's licensing authority will be adhered to. Links will be pro-actively maintained through BIAZA (British and Irish Association of Zoos and Aquariums) and via the Zoo ethics committee which meets twice per year.	All Year
90	<b>Golders Hill Park</b> Zoo	Maintain all livestock and enclosures within the zoo to the highest levels of animal welfare and husbandry as required by the Zoo license.  Monitor and maintain all enclosures and housing within the zoo to ensure safety and continued suitability, reporting any defects that may require attention.  Liaise regularly with the zoo veterinarian to ensure the health of all the livestock within the zoo.  Prepare for and attend the zoos 6 monthly zoo ethics meetings  Ensure grass levels and general foliage within the animal enclosures is kept at a presentable level throughout the year.  Promote the zoo to members of the public through advertised feeds, talks and donkey walks.  Continue to work towards the approved collection plan for the zoo. This includes the sourcing of new animals for the zoo as well as research into new enclosures and livestock.  Move the donkeys to the bottom paddock from the deer field to prevent possible poisoning from acorns and then return when this is no longer an issue.  Maintain good links with BIAZA and other zoological collections in the UK to ensure a strong position for the zoo.	Daily  Daily  4x year  2x year  Sp, S  All year  All year  A,W  All Year

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
90	<b>Golders Hill Park</b> Butterfly House	Full access to the Butterfly House will be available to the public during opening hours.  Saturday 2 April 2011 to Sunday 4 September 2011, 2-4pm every day.  Saturday 10 September 2011 to Sunday 30 October 2011, 2-4pm, Saturday and Sunday only.  31 October 2011 to April 2012 - CLOSED FOR WINTER PERIOD.  The facility will be maintained in accordance with good husbandry practice.	Sp, S, A
62 70	<b>Golders Hill Park / Heath Extension / Pergola</b>  Memorial Benches / Gazebo/Litter bins	Repair and re-stain benches and remove graffiti and bird droppings as and when required.  Annual clean and re-painting of gazebo.	All Year
	<b>Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden</b>  Litter	All areas to be litter picked daily. Litter bins to be emptied daily.	All year
46 50	<b>Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden / Keats House</b>  Footpaths, Signage, Fences	Footpaths, signage, fences will be checked on a daily basis and repairs carried out as and when required.  Wood edging boards repaired as necessary.  Wooden edging to be replaced with steel metal edging over a 20 year period.	All Year
	<b>Golders Hill Park</b> Christmas Tree	Erection and, later, dismantling of Christmas tree by main North End Road entrance.	W
13	<b>Golders Hill Park / Hill Garden, Pergola, Kitchen Garden / Keats House/Butterfly House</b>  Heath Hands Volunteers	Provide a programme for Heath Hand volunteers for the horticulture projects and works undertaken at the various locations.	All Year
37	<b>Golders Hill Park / Heath Extension</b>  Ditch Management	Maintain ditches and water courses. Grid clearance to be carried out during inclement weather.	All Year
37	<b>Golders Hill Park</b> Ditch Management	All ditches to be maintained as specified in Corporation of London hydrology policy.	A,W,S
77 - 81	<b>Heath Extension</b> 6 Changing Rooms 2 Officials Rooms	Provide availability of clean, well-maintained facilities to schools and sports clubs all year round. Facilities to be cleaned after each use.	All year
89	<b>Golders Hill Park</b> Children's Entertainment Bandstand Concerts	Overseeing of children's entertainment and bandstand concerts during the summer season.	S

<b>Policy Interim Plan</b>	<b>Area</b>	<b>Description</b>	<b>Timing of work</b>
30-35	<b>Golders Hill Park</b> Ponds and Streams	Quarterly maintenance of pond pumps and filters. Daily inspection of overflows and safety equipment.	Sp, S, A, W
	<b><u>Projects</u></b>		
	<b>Golders Hill Park</b>	<ul style="list-style-type: none"> <li>▪ Replanting of copper beech hedge by café.</li> <li>▪ Resurfacing of tennis courts 1 and 2</li> <li>▪ Trachycarpus Beds x 3 – redesign project for staff.</li> <li>▪ Toms Pond – replace bedding with permanent rose planting.</li> <li>▪ Herbaceous Borders x 2 – strip out and leave fallow for 1 year to eradicate ground elder and Bind weed</li> <li>▪ Relay water main at top of park to café to mend water leak</li> </ul>	A, W A W, Sp A
	<b>Zoo</b>	<ul style="list-style-type: none"> <li>▪ Landscaping enhance savannah and forest aviaries.</li> <li>▪ Continual addition to the stock in accordance with the animal collection plan</li> </ul>	W-A A Sp All Year
	<b>Pergola</b>	<ul style="list-style-type: none"> <li>▪ Replanting of pergola beds phase 2</li> <li>▪ Renovation of kitchen garden phase 1</li> </ul>	A A
	<b>Keats House</b>	<ul style="list-style-type: none"> <li>▪ Additional planting to Keats House – subject to monies being available.</li> </ul>	Sp