

# **Hampstead Heath Annual Work Plan January to December 2014**

## **Introduction**

The Annual Work Plan January-December 2014 includes conservation and arboricultural work and work related to the formal areas of Hampstead Heath. It outlines the 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 of dry weekends to cut grass.

Consideration of the Annual Work Plan for 2014 was due to be considered at the November 2013 Hampstead Heath Consultative Committee, but could not be taken at that time due to an over-full agenda caused by discussion of the Ponds Project. It therefore had to be delayed until the January 2014 meeting. As the programme runs from January to December 2014, a few items of work have necessarily been undertaken before the Committee meeting.

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

# Conservation work

## Principles for ecological management

Much conservation work on the Heath aims to maintain the *status quo*. Without this work, valuable habitat would be lost from large areas of the Heath. Our current guiding ecological principles are to follow current UK guidance or best practice for the management of species and habitats including:

- 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 it 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 and this principle applies to both woodland and grassland habitats.
- 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 be on the lookout for other habitat enhancement schemes which would be beneficial to wildlife.
- 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.
- 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.

## **New work for 2014**

A number of new items have been added to the Annual Work Programme for 2014. This section identifies some of the most major; numbers refer to locations shown on attached map.

### Hedges

A survey and analysis of the Heath's hedgerows was completed in 2013, and a ten year plan for their management proposed. The following work was identified for 2014. On the Extension, the western half of the hedge south of the rugby pitch (80) is gappy and generally in a poor state; this will be gapped up and layed. Half of the hedge alongside the stream north of the cricket pitch (77) was layed in 2013, and the rest will be layed in 2014. Part of the western side of the hedge north of the cricket nets (79) will be coppiced or layed to thicken it up. On Preacher's Hill (21), the northern part of the hedge alongside East Heath Road is thin and gappy, and dominated by ash saplings. Additional species will be introduced and it will be layed.

### Preacher's Hill

Unscheduled work on the Ponds Project precluded the production of a management plan for Preacher's Hill (21) over the summer, but the area was discussed on one of the regular walks with Heath and Hampstead Society Heath Sub-committee. A number of items for this area have been included in the 2014 programme in anticipation of a management plan in 2014. In addition to hedge work, these include substantial reduction in the cover of bramble, tree planting beside Christchurch Hill and Willow Road, and removal of a dead poplar and replanting with native black poplar.

### View from Chubb Shelter

Members of the Heath and Hampstead Society Heath Sub-committee are keen to preserve the view of the City from the Chubb shelter, which is being obscured by tall trees in South Meadow (41) near the edge of Tumulus Field. Consequently it is planned to remove or high pollard a small number of ash trees and up to six young oak trees, and maintain the pollarded trees at this height thereafter.

### Vale of Health

It is proposed to control further bramble in the Vale of Health (3) beside the path leading toward Whitestone Pond, with the removal of a Turkey oak and sycamores.

### Fleet Stream

The production of a management plan for the Fleet Stream, Hampstead Branch, was another item which was substantially delayed due to work on the Ponds Project. In anticipation, it is proposed that two glades along the stream be opened up, one where balsam poplars grow (6), downstream of the Vale of Health pond, and the other at the junction of the two branches below the Viaduct Pond (7).

### Path between Viaduct Pond and Vale of Health toilets

It is proposed to coppice a strip each side of this (17), to lighten up the path and improve the habitat. One false acacia tree will be removed, with others being removed in subsequent years.

## **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 as and when required: power harrow, add agreed aggregates and roll; and fill in potholes.
- Cleaning and maintenance of benches.
- Maintenance of fences.

## **Notes on the tables**

Numbers in the first column relate to approximate locations of proposed work as illustrated on the accompanying map. The relevant Natural Landscape Chapter policies from the Hampstead Heath Management Plan 2007-2017 are given in the second column, or where appropriate references to the Part I Plan itself. Areas of the Heath where the work is to be undertaken are listed in the third column.

## General items

Map ref.	Policy nos.	Location	Description of work
	50	Hedgerows Heath-wide	Remove non-native tree seedlings
	27	Hedgerows Heath-wide	Carry out any necessary management to promote trees which could grow into veterans.
	Access	Pavement edge general	Lift all trees & shrubs to 2m & cut back to pavement edge as necessary
	36, 46	All water areas	Manage routine incidents, & assist Wildlife Rescue experts in dealing with distressed water fowl. Assist Constabulary in preventing & investigating dog attacks.
	47	All or several ponds	Reinstate dragonfly monitoring scheme
	36, 37, 47	All or several ponds	Use a boat to check for and remove line & tackle & other debris during the fishing season.
	36	All or several ponds	Organise & oversee regular work parties of members of the Hampstead Heath Angling Society to conduct more thorough clean-ups of the ponds & other fishing-related conservation work.
	36	All or several ponds	Work with the Hampstead Heath Angling Society to ensure fishing regulations are understood & adhered to & assist Constabulary in checking permits & rod licenses
	36	All or several ponds	Try to improve marginal vegetation
	36	All or several ponds	Check & clean pond inlets & outlets
	Access, 36	All or several ponds	Monitor ponds for general problems and algae scums, and ensure warning notices are promptly put up & taken down
	36	All or several ponds	Maintain water mixing equipment at the Boating Pond.
	36, 47	All or several ponds	Monitor water oxygen and phosphorus levels
	36, 50	All or several ponds	Alleviate problems such as duckweed blooms and oxygen crashes when required
	36	All or several ponds	Liaise with Hampstead Heath Angling Society
1	Safety issue	Several ponds, including Highgate no 1, Hampstead no 1, Vale of Health, Viaduct	Carry out tree and scrub clearance required by Supervising Engineer to reduce flood risk
	50	Heath-wide	Control Himalayan balsam, Japanese knotweed, giant hogweed, California brome, sycamore and, where necessary, creeping thistle, ragwort and bracken
	50	Heath-wide	Produce map with locations of Japanese knotweed sites
	50	Heath-wide	Redo 2006 map of Himalayan balsam sites.
	50	Heath-wide	Establish a policy for control but not elimination of ragwort where necessary
	29, 30	Hedges Heath-wide	Top selected hedges as required to maintain hedgerow character
	50	Selected locations Heath-wide	Cut thistles before they seed to try to control them

2	47	Selected locations Heath-wide	Monitor selected features, including certain invasive species, Small Tumulus Field grassland, Vale of Health acid grassland, Tormentil slopes, Sparrows site, experimental cutting area, amphibians and reptiles. Analyse grassland monitoring data collected to date.
	3	Heath-wide	Planning, facilitating and overseeing the work of Heath Hands

## East Heath, Hampstead Valley and Vale of Health

Map ref.	Policy nos.	Location	Description of work
3	16	Upper Vale of Health	Control bramble as necessary to prevent further spread
3	4	Upper Vale of Health	Reduce brambly clumps by steps opposite Vale Lodge
3	H6	Upper Vale of Health	Cut bramble etc. round Pound to maintain views to it
3	1	Upper Vale of Health	Cut Cotoneaster opposite The Gables to maintain at about 1m70cm
3	14	Upper Vale of Health	Maintain patches of acid grassland by re-cutting areas created in 2012 by cutting 2 small scallops into the gorse at the lower edge
3	4	Upper Vale of Health	Mow majority of fertile grassland (including along paths) annually in September, removing arisings
3	14, 15, 47	Upper Vale of Health	Scrape area recently cleared above acid grassland slope. Maintain part open as area for invertebrates and plant gorse in remaining section. Maintain in future years.
3	14	Upper Vale of Health	Flail area of main gorse patch where gorse failed after recent management and replant with gorse
3	4	Upper Vale of Health	Maintain uncut strip of grass by wood opposite The Gables by cutting once p.a. at the end of the season
3	13	Upper Vale of Health	Weed heather 2 to 3 times yearly as required and cut round existing patches to prevent encroachment
3	4	Upper Vale of Health	Maintain rough vegetation at top of slope near Whitestone Pond by cutting annually after cow parsley has flowered
3	50	Upper Vale of Health	Pull Japanese knotweed then spray regrowth in late summer
3	50	Upper Vale of Health	Cut areas of hogweed in rough grassland 2-3 times p.a. to prevent spreading
3	16	Upper Vale of Health	Ensure trees & shrubs in bramble areas do not become more numerous
3	46	Upper Vale of Health	Skirt bramble carefully by hand on Atypus slopes, & remove tree & shrub seedlings. Cut back overhanging branches if they have extended from previous year.
3	13	Upper Vale of Health	Coppice gorse on 12 year rotation, cutting 1/6th every even-numbered year. When zones are coppiced, remove trees and saplings but retain a few song-posts, e.g. hawthorn, elder. Cut bramble & remove.
3	50	Upper Vale of Health	Control invasive species, e.g. sycamore, southern woodland, adjoining Vale of Health Approach Road
3	50	Upper Vale of Health	Remove Himalayan balsam from area
3	Access, H6	Upper Vale of Health	Install memorial bench at viewpoint over Vale on access path onto the Heath from Whitestone Lane
4	Safety issue	Vale Approach Road	Maintain sightlines at junction of East Heath Road

5	4, 6	Vale of Health Valley	Take back oak branches on north-east side 1-4 metres to maintain grassland area
5	4, 6	Vale of Health Valley	Remove hawthorn bush in grassland
5	6	Vale of Health Valley	Keep central area open, but retaining elder bushes at south-west edge. Retain nettle/comfrey area on south-west side. Mow south-eastern side as required to control bramble with aim of recreating grassland.
6	43	Fleet Stream below Vale of Health valley	Recreate marshy glade by removing dead, dying, and sapling balsam poplars and clearing bramble, leaving dead trunks and uncommon fern. Keep open in future years.
7	43	Fleet Stream	Create small glade where two branches of Fleet stream meet in woodland below Viaduct Pond; plant marsh-loving plants. Keep open in future by removing new seedling trees
8	4	Springett's Wood	Mow grass twice times avoiding bluebell leaves.
8	Access	Springett's Wood	Clear & mow paths
8	Access	Springett's Wood	Clean & oil bench
8	16	Springett's Wood	Keep bramble in damp area near pond in check by cutting back, & remove sapling & seedling trees & shrubs & scrub; create scrape
8	1	Springett's Wood	Repair fence with Kenwood to stop dog access
8	50	Springett's Wood	Remove & dispose of <i>Crassula helmsii</i> if present in pond
8	36	Springett's Wood	Maintain pond, and enlarge if a new liner is required
8	16	Springett's Wood	Check tree guards & tree ties, & clear scrub around young trees
9	29, 50	Row of trees/hedge on north/upper side of Hockey Field	Remove any sycamore saplings
10	Access	The Elms/Radio Mast	Cut back bramble/scrub encroaching on access road
11	16	Pines near the Ice House	Clear saplings round old pines and bring on new ones to replace them as they decline
12	16	Woodland south of Vale of Health Approach Road	Remove ivy from 20% of trees each year
13	25	Fleet Stream, Hampstead branch	Prepare a compartment management work plan
14	36	Fleet stream crossing to Viaduct slopes	Re-coppice/clear area previously opened up by crossing to Viaduct pond slopes. Remove selected willows from marsh area to allow marsh loving plants to thrive.
15	13, 14	Tormentil Slopes	Cut bramble patch and rosebay willowherb repeatedly, starting before bird nesting season
15	13, 14	Tormentil Slopes	Cut areas of coarse grass repeatedly
15	14, 15	Tormentil Slopes	Remove one small oak and raise crowns of trees on western and lower slopes, to increase area of acid grassland and tormentil
16	16	Path between Viaduct pond slopes and Hollow Beech	Scallop bramble edges
16	4	'Secret glade' W of path between Viaduct pond & Vale toilets	Continue reducing bramble & rosebay willowherb. Fell young Sorbus tree on edge of clearing.
17	16, 19, 20	Path between Viaduct Pond and Vale of	Open up and improve habitat by coppicing both sides, leaving major trees except removing one Robinia. Remove one more Robinia annually.

		Health toilets	
18	1	Viaduct Pond	On south-west side of Viaduct pond, cut back hedge below bench to create view of pond; leave band of shrubs at south-west corner
18	39	Viaduct Pond	Coppice alders along western bank every three years, starting 2014 if not cut in 2013
18	16, 50	Viaduct Pond	Remove or coppice young sycamores in enclosures to west of pond
18	13	Viaduct Pond	Remove bramble and tree saplings from gorse. Plant more gorse if necessary
18	39, 50	Viaduct Pond	Remove sycamore and false acacia and recoppice tree regrowth between Bird Bridge and the Viaduct to maintain open area.
18	39	Viaduct Pond	Coppice willow and silver birch and raise alder crowns along east bank, especially where impeding growth of emergent vegetation
18	13	Viaduct Pond	Maintain heather patch on slope by regular weeding
18	50	Viaduct Pond	Manage/remove/spray Japanese knotweed in enclosed area.
18	50	Viaduct Pond	Pull Himalayan balsam from marsh area
18	13	Viaduct Pond	Remove bramble and saplings from gorse area. Coppice any degrading gorse
19	Access, 7	Pryor's Field	Mow fertile grassland in southern part of field
19	7	Pryor's Field	Cut or dig up patch of blackthorn suckers on western side of path along Mixed Pond side of field
19	46	Pryor's Field	Check area where common spotted orchid grows to ensure it is not being outcompeted; manage appropriately if so.
19	50	Pryor's Field	Clear sycamore saplings and laurel from woodland strip along north edge
19	50	Pryor's Field	Pull any Himalayan balsam in damp patch. Pull Himalayan balsam in central bramble patch only if whitethroat not breeding.
19	Access	Pryor's Field	Make sure main paths are clear of bramble and in good order, and ditch line running along the south of the field has been regularly cleared of leaf litter and debris.
19	16, 29	Pryor's Field	Blackthorn shrubs along Mixed Pond fence line: remove oak sapling, coppice blackthorn to within 2.5m of fence and lay remaining shrubs along fence line. Achieve this through cutting 3 tranches on a 9 year rotation
19	20	Pryor's Field	Cut 1/3rd of the scalloped eastern edge of Pryor's Field between the path and shrubs (excluding the area dominated by blackthorn) on a rotational basis
19	13	Pryor's Field	Maintain gorse along northern edge by clearing bramble as necessary. Replenish gorse as necessary.
19	6	Pryor's Field	Reduce the extent of areas of bramble as specified on management plan, cutting by hand where ant hills are present.
19	50	Pryor's Field	Remove sycamore trees and saplings from large willow area on the southern edge near the fairground site
19	16	Pryor's Field	Coppice selected areas of shrubs on the Field side of the scrub band parallel to East Heath road, in order to thicken it up. Plant hazel or hawthorn where additional shrubs are required. This will improve the visual screen and the habitat for birds. Carry out in two tranches, one within 3 years, the other in perhaps 10 years' time, to be assessed
19	Access	Pryor's Field	Remove some bramble from north-west corner access path on both sides to make entrance to Pryors Field more attractive, with a better view of the field
19	Access	Pryor's Field	Remove small hawthorn growing too close to path to road

			from south-west corner of Field before it interferes with access
19	4	Pryor's Field	Cut a small area of bramble in north-east of field with aim of eradicating it
19	50	Pryor's Field	Pull or cut any purple Michaelmas daisy or white Michaelmas daisy not growing in main patch
19	47	Pryor's Field	Monitor extent of hogweed
19	50	Pryor's Field	Cut areas dominated by hogweed or remove flowers before seeding and take off site in all areas except that specified on the map in management plan
19	50	Pryor's Field	Cut round Michaelmas daisy and bramble patches to retain current extent
19	50	Pryor's Field	Control Japanese knotweed
19	6, 50	Pryor's Field	Control bramble and thistle as specified in the management plan
20	6	East Heath Road	Control spread of bramble, trees etc. onto road and grassland
20	6	East Heath Road	Regularly prune willows to maintain form and maintain safe driver visibility at car park entrance
21	6	Willow Road	Keep bramble back to current frontier, with elm suckers removed
21	29, 30	Preacher's Hill	Lay northern 1/3rd of hedge along East heath Road
21	29, 30	Preacher's Hill	Lay and extend short hedge on boundary of Children's Playground
21	4, 6	Preacher's Hill	Substantially reduce area of bramble to regenerate grassland by repeated cutting, avoiding damage to daffodils. 1st cut outside bird nesting season.
21	50	Preacher's Hill	Cut area of California brome repeatedly to stop it flowering, leaving patch of Russian comfrey
21	6	Preacher's Hill	Cut rough grassland & incipient scrub alongside Christchurch Road monthly, May-September
21	6	Preacher's Hill	Cut cow parsley/ rough grassland and incipient scrub alongside Willow Road monthly, June/ early July (after cow parsley has flowered) -September
21	6	Preacher's Hill	Remove dead cherry, 2 Turkey oaks, cherry sapling, & raise crown of large Turkey oak, to restore grassland
21	1, 46	Preacher's Hill	Remove dead elm in SE corner, coppice elm regrowth, plant black poplar
21	1, 46	Preacher's Hill	Remove dead trunk near Willow Road, plant black poplar
21	16, 50	Preacher's Hill	Remove sycamores & sapling ashes to benefit plane and oak, clump near East Heath Road
21	1	Preacher's Hill	Cut back small area of holly to improve view
21	1	Preacher's Hill	Plant suitable trees, e.g. crab apple, alongside Christchurch Road
21	16	Preacher's Hill	Reduce ivy on woodland trees
21	25	Preacher's Hill	Prepare a compartment management work plan
22	1	Lime Avenue	Cut back epicormic growth at base of limes along avenue length
23	6	Mixed Pond meadow	Cut grassland regularly, to keep back bramble encroachment
23	H6	Mixed Pond meadow	Prune oaks to retain view of Christchurch steeple
		South End Green/East Heath Car Park	Removal of the fence to the east of the path adjacent to South End Road. A new stock fence (the same as those used around the wildflower areas) will be installed at the rear of Hampstead Number 1 dam. Two short lengths of knee rail installed to discourage desire lines and protect the root plates of the London Plane trees. Install cycle stands at bottom entrance to the car park.

## Parliament Hill and Kenwood

Map ref.	Policy nos.	Location	Description of work
24	6	Second Hedge	Bramble fringe to meadow near top of Parliament Hill, south side; cut back eastern half by half its width (western half done 2013)
25	32	Tumulus Field	Allow regeneration of 3-4 oak saplings to former hedge line across Tumulus Field, in line with existing trees. Leave a strip of grass un-mown along the line of the old hedge.
25	9	Tumulus Field	Remove fence of wild flower area when seeds sown in autumn 2013 have established
26	32	Tumulus Field pond	Manage thistle if necessary July and August. Remove any not native aquatics
27	29	Third Hedge	Lay another very short section along southern side of hedge.
27	46	Third Hedge	Cut bramble on southern side of hedge to protect pignut
27	6	Third Hedge	Cut back current year's extension of bramble on southern side of hedge
28	25	Small Tumulus Field	Prepare a compartment management work plan
28	50	Small Tumulus Field	Cut area of hogweed near main path before seeding
28	50, Access	Small Tumulus Field	Cut central triangle, where ragwort has become dominant
28	6	Small Tumulus Field	Cut back bramble, western edge
28	4, 16	Small Tumulus Field	Cut top half of rough area in upper, south, corner of field
29	4, 6, 7	Sparrows site	Undertake wholesale pulling of thistle at the end of July, then consider cutting shortly afterwards
30	4, 6, 7	Southern side, Parliament Hill	Control remaining oak seedlings above Sparrows site
31	6	Parliament Hill, near Dump	Mow close to fallen tree to prevent brambles growing up
32	9	Parliament Hill near bandstand	Remove fence once wild flowers sown autumn 2013 have established. There may be a need for further thistle control.
33	16	Parliament Hill scrub thickets	Lay one scrub island
34	50	Nassington Road Entrance	Control patch of Japanese knotweed north of entrance
35	E1	Heath Life Education Centre	Manage wildlife garden for ecology & education.
36	E1	Secret Garden	Manage Secret Garden for ecology & education.
37	9	Grassland west of Secret Garden entrance	Re-sow a strip of cornflower annuals along edge away from path. Remove fence once vegetation established
38	Access	Highgate no 1 and Men's ponds	Maintain windows onto ponds at trig points

39	H6, 1, 39	Highgate no 1 pond	Maintain 2 open viewing windows and prevent shading of marginals by coppicing willows on 3 year rotation. Windows should be re-coppiced if required to maintain view.
40	40	Boating pond	Repair and maintain fence surrounding reedbeds
40	42, 45	Boating pond	Maintain floating reedbeds/islands and aerators
41	7	South Meadow	Mow all grassy glades except large areas north of stream to allow access & maintain grassland. Retain strip of long grass round edges.
41	7	South Meadow	North of stream, cut 1/3 grassland (see management plan), leaving refuges
41	50	South Meadow	Remove oak seedlings from grassland
41	1	South Meadow	Remove a small number of ash trees and up to 6 young oak trees near the boundary with Tumulus Field to improve the view from the Chubb Shelter. Maintain trees at this height
41	14, 15	South Meadow	Extend gorse patch near Highgate Gate towards birch tree
41	1	South Meadow	Cut path through brambles as necessary to allow access along all of fine line of veteran trees, south side of South Meadow
41	16	South Meadow	Remove entirely hollies cut back in 2012/3
41	6	South Meadow	Cut areas of bramble cleared in September 2011 several times in order restore grassland. In grassy northern section this will entail cutting back to tree drip lines. All glades in woodland which are currently predominantly thick bramble should be left as such, apart from maintaining any footpaths through them. Retain a brambly fringe round woodland glades.
41	50	South Meadow	Pull or cut small balsam in Kenwood SSSI strip before it flowers
41	50	South Meadow	Remove laurel & sycamore saplings & seedlings
41	Access	South Meadow	Strim bramble from paths if required to maintain access
41	Access	South Meadow	Try to reduce erosion on south side of wooden bridge over stream by placing brush & logs over area
41	Access	South Meadow	Maintain area in front of Chubb shelter
41	16, 26	South Meadow	Further remove or cut back holly in woodland selectively to improve visibility in woodland & reduce canopy competition where holly is tall.
41	19	South Meadow	Cut back dead elm on edge of SE corner of South Meadow & allow suckers to regrow
41	6, 19	South Meadow	Further cut back encroachment of grey willow in northern grassland; coppice remaining grey willow
41	50	South Meadow	Remove invasive Michaelmas daisy in glade
41	Access	South Meadow	Cut a path through bramble below selected fine oak trees to allow access to see trunks
42	Access	Chubb shelter	Clear any scrub obscuring shelter as necessary
43	1	Saxon ditch near Hampstead Gate	Clear to make a more obvious feature, but also erect suitable dead hedges to reduce footfall

44	47	Stream culvert crossing by bird feeders	Cut round where cuckoo flower grows
45	19	Orchard	Continue to coppice area of hazel/ash on a 7 year rotation. Plant additional hazel to fill gaps. Section 3 2014.
45	Access	Orchard	Cut hedges, cut back nettles and other vegetation from path.
45	16	Orchard	Clear around recently planted hazels
45	16	Orchard	Remove one large sycamore
45	16	Orchard	Raise crowns of selected beeches, especially near footpaths
45	16	Orchard	Plant 2-4 pear and 2-4 apple trees into suitable areas. London and Middlesex varieties
46	47, 50	New Cohen's Field ponds	Monitor for invasive species and remove as necessary
46	36	Cohen's Field ponds	Ensure regrowth does not cover pond again. Maintain a minimum of 50% open water
46	46, 50, visual access	Cohen's Field ponds	Stop shrubs & climbers growing higher than fence
46	36	Cohen's Field ponds	Autumn or late winter cut to pond edges to maintain a grassy fringe.
47	6, 16	Upper (western) Cohen's Field	Cut back overgrown fringe of scrub/tall vegetation on eastern boundary, preserving suitable saplings which will help screen Athlone House
47	H6	Upper (western) Cohen's Field	Plant black poplars along eastern boundary of field where screening of Athlone House is required
47	Access	Upper (western) Cohen's Field	Maintain ditch to upper pond to retain nearby crossing point
47	50	Upper (western) Cohen's Fields	Control Japanese knotweed re-growth above Goodison fountain hedge line
48	46	Lower (east) Cohen's Field	Remove sapling oaks from bramble fringe adjacent to Model Farm Compartment hedgerow.
48	30	Lower (east) Cohen's Field	Thicken understory along Stock Pond path beside Lower Cohen's field by laying shrubs
48	6	Lower (east) Cohen's Field	Cut back bramble islands developing under isolated trees to tree canopy & remove any tree & shrub regeneration within these bramble islands.
48	6	Lower (east) Cohen's Field	Grub out sapling trees from western fringe.
48	6	Lower (east) Cohen's Field	Cut back half way to streamline the brambles which have encroached on eastern edge
49	46, 50	Model Farm Compartment	Eradicate knotweed and balsam. Also cut back fringe vegetation and saplings to maintain some open ground
49	History	Model Farm Compartment	Remove vegetation growing on walls
49	7, 46	Model Farm compartment: top meadow	Continue to manage as open grassland by cutting in autumn.

49	4, 6, 46	Model Farm compartment: top meadow	July cut to perimeter of meadow and to selected coarse areas of grass/scrub to reduce vigour. Care should be taken of grass snakes.
49	7, 46	Model Farm compartment: Middle section	Maintain as rough meadow through autumn cut.
49	4, 46	Model Farm Compartment	Remove 2 sycamores from north-west of farm area
49	4, 46	Model Farm Compartment	Remove and prevent regrowth of 4-5 small false acacia, cherry + ash trees.
50	7	Pipeline Triangle	Early summer cut to Triangle to reduce coarse grass vigour & encourage later-flowering knapweed & bedstraw
51	1 & others	Athlone House Gardens	Management according to detailed management plan
52	19	Cohen's Wood	Thin oaks selectively and use timber for projects around the Heath
53	36	Stream line from Cohen's Wood to Ladies pond	Recoppice streamline area. Maintain dams & aquatic vegetation to improve water quality along catchments. Further clearance & dam creation may be necessary.
53	36	Stream line from Cohen's Wood to Ladies pond	Ensure corrugated stream cover is removed by the contractor.
54	1, 36 & others	Ecofield	On-going maintenance including planting, pruning, weeding & mowing
54	29	Ecofield	Cut <i>Leylandii</i> hedge
54	46	Ecofield	Plant herbaceous border for bees
54	1	Ecofield	Develop management plan for area
54	9	Ecofield	Develop wildflower area
55	6	Ladies Pond meadow	Ring bark ash sapling in centre of damp patch and leave as dead bush
55	6	Ladies Pond meadow	Cut back periphery of isolated bramble patch 1m and whole of newly-developing bramble patch nearby further north
55	47, 50	Ladies Pond meadow	Monitor and possibly remove thistle & ragwort round damp area
55	6	Ladies Pond meadow	Cut back bramble patch developing along tarmac path and southern streamline during winter & repeat cut 3 times during growing season
55	4	Ladies Pond meadow	Reduce erosion caused by paths by cutting alternative desire lines adjacent to existing path in summer
56	47	Stock Pond meadow	Monitor extent of bracken and rush
56	47	Stock Pond meadow	Cut back bramble and bracken along Kenwood edge by 2m before mid-March, then cut re-growth 3-4 times
56	47	Stock Pond meadow	Cut patches of invading rush in cold weather to reduce vigour, leaving main patch beside path
56	6	Stock Pond meadow	Remove saplings growing near rushes and oval sedge

57	1	Ladies Pond enclosure	Carry out wildflower meadow improvements, cyclical coppicing and pollarding
57	Access, 39	Ladies pond enclosure	NW edge of pond: remove woody debris from water & coppice 15m section of bankside to encourage emergent vegetation & reduce debris encroachment into the swimming area
57	36	Ladies pond enclosure	Enhance wetland through creation of pools at the northern marsh area of pond
57	6	Ladies pond enclosure	Cut northern wet meadow area early spring to prevent scrub encroachment.
58	36	Stock Pond	Continue to selectively thin & lift bankside trees to increase light levels & reduce leaf litter: remove dead elms
58	46	Stock Pond	Clear round wild service tree saplings
58	36	Stock Pond	Cut back scrub encroaching onto northern marsh area. Cut back to dead hedge.
59	50	Bird Sanctuary	Control Himalayan balsam & giant hogweed
59	47	Bird Sanctuary	Weekly clean & fill bird feeder
59	Access	Bird Sanctuary	Trim small hedge in front of bird feeder to maintain visibility
59	39	Bird Sanctuary	Coppice 10% of willows & alder along eastern edge. Avoid working near kingfisher nesting bank
59	39	Bird Sanctuary	Regular coppice or removal of recent regrowth from large birch tree southwards on one-year rotation, to provide more light to water
59	36	Bird Sanctuary	Continue to expand wet meadow E of pond through selective coppicing of trees and scrub encroachment
59	H6	Bird Sanctuary	Coppice alder & dogwood S end of pond to maintain view points
59	19	Bird Sanctuary	Coppice hazel area E of pond on 7 year rotation. Remove competing elm scrub.
59	36	Bird Sanctuary	Create large pool/channel N side of pond to increase wetness & habitat for reedbed
59	39	Bird Sanctuary	Remove selected trees and shrubs near reedbed
59	36	Bird Sanctuary	Reedbed cutting section 4
59	36	Bird Sanctuary	Dig more pools in western meadow to prevent drying out
59	36	Bird Sanctuary	Continue to increase reedbed through selective felling of birch & willow along NW edge of pond
59	6	Bird Sanctuary	Cut eastern dry area to prevent scrub encroachment in autumn/early winter
59	36	Bird Sanctuary	Cut eastern wet meadow late winter
59	6	Bird Sanctuary	Cut north western rough meadow to prevent succession. Keep some rosebay willowherb and maintain a bramble fringe. Autumn cut followed by late spring and mid-summer cut.
59	6	Bird Sanctuary	Cut rough meadow to the north of the reedbed late winter/early spring.
59	6	Bird Sanctuary	Late cut and early summer cut to grass area surrounding bird feeders to maintain as grassland

59	H6	Bird Sanctuary	Consider opening up viewing window again from corner nearest Millfield toilets
59	Access	Bird Sanctuary	Open up 1-2 new sightlines from western section towards reeds.
60	50	Southern slopes of Parliament Hill	Continue experimental regime of cutting selected areas of thistle monthly in season

## Hampstead Heath Extension

Map ref.	Policy nos.	Location	Description of work
61	Access	Heath Extension, path edges	Rough cut throughout growing season
61	7	Heath Extension meadows	Late cut to meadows in general
61	6, 50	Heath Extension meadows	Removal of thistles, ragwort and seedling trees
61	20	Heath Extension meadows	Development of scalloped edges between mown and long grass
61	4, 20	Heath Extension meadows	Reduction in the amount of bramble & some thistle where prolific on edges
62	6	Meadow above changing rooms	Hand grub tree seedlings and saplings
62	6	Meadow above changing rooms	Cut back bramble 2m if expanding into meadow
62	9	Meadow above changing rooms	Cut back raspberry to try and control it. Prevent it spreading into the grassland.
63	6, 7	Ikin's Corner meadow	Clear scrub and bramble to protect broad-leaved helleborine, then maintain
63	6, 8	Ikin's Corner meadow	Cut grassland every 2 years - next cut 2014
63	6, 9	Ikin's Corner meadow	Cut bramble growing either side of hedge running down to ponds, including twice in growing season
64	7	New hockey pitch	Top 50% thistle along hedgerow on west of grassland
64	7	New hockey pitch	Maintain scalloped edge to bramble & close-mown grass
65	7	Meadow west of children's play area	Top 80% thistle along east hedge
66	6	Meadow Lower & Upper Wield Field (formerly Meadow 308)	Reduce peripheral bramble. Target encroachment along north edge & remove seedling tree encroachment into meadow.
66	Access	Meadow Lower & Upper Wield Field (formerly Meadow 308)	Maintain horse ride and reinstate signposting
67	50	Meadow at North Point (far NE corner of Extension)	Hand pull or cut 80% thistle
67	7	Meadow at North Point (far NE corner of Extension)	Late annual cut leaving refuges

67	20	Meadow at North Point (far NE corner of Extension)	Develop scalloped edge between mown & uncut grass
67	7, 47	Meadow at North Point (far NE corner of Extension)	Cut & monitor three trial grassland management strips, cutting e.g. April/May; July; July then late
67	29	Meadow at North Point (far NE corner of Extension)	Cut hawthorn hedge
68	4	Eastern edge of Extension	Maintain cut grass strip at base of privet hedges at rear of private gardens
69	4, 16, 18	Damp triangle	Allow to develop as rough grassland dotted with trees and shrubs, which will in future be coppiced
70	16	Copse of aspen saplings	Weed as required. Keep free of everything except aspens. Do not thin aspens.
71	20	Hedge between cricket & football pitches	Retain 4m bramble/grassland fringe to hedge, leaving some wide sections clear to give occasional access to stream
72	6	Hedge between horse ride & junior cricket field	Hand grub tree seedlings and saplings in uncut area & allow habitat to improve for meadow ants. Cut around hills
72	6	Hedge between horse ride & junior cricket field	Cut thistle areas thistles to east and west in July to stop spread into area of ant hills
73	46	Large cricket field	Maintain native black poplar saplings at lower north corner of field
73	46	Large cricket field	Plant two more native black poplar saplings at lower north corner of field
74	16, 18	Old wood banks to east of Extension ponds	Remove holly if supressing young trees & alder stools along wood bank edge
75	H6	Near damp patch	Maintain viewing windows on both sides to give more view of stream
76	9	Wild flower area west of ponds	Clear and re-sow with an annual meadow mix. Remove fence in late spring/summer once establishment adequate
77	30	Extension Hedges	Lay 50m of hedgerow to north of Cricket pitches alongside stream.
78	4, 7	Extension Ponds	Maintain damp meadow by late winter/ early spring cut & clear from W edge of ponds 2-7, Feb or early March. See management plan for location.
78	6, 16	Extension Ponds	Cut/coppice scrub & grub bramble from N, S, E &W edge of pond 1 to maintain low scrub & wildflower area & prevent encroachment into pond. Remove fallen hawthorn. See management plan for location
78	H6	Extension Ponds	Prune recently layed hedge along No.2 pond. Relay 2022.
78	16	Extension Ponds	Selectively coppice shrub islands on 10 yr. cycle to maintain thick vegetation. Coppice 1 island/yr. See management plan for location
78	29, 30	Extension Ponds	Lay or thicken short hedge section running from pond 1 east towards Wildwood road.
78	36	Extension Ponds	Maintain open water by removing 50%-75% emergent vegetation from ponds 2-6 approx. every 10 years. Spread arisings along ground to west of ponds 4-6. Maintain minimum 50% open water. Pond 3 2013/14, pond 4 2015,

			Pond 6 2018, ponds 2& 5 2020.
78	50	Extension Ponds	Remove New Zealand Pigmyweed, <i>Crassula helmsii</i> , from pond 5 and any other ponds where it is present
78	47	Extension Ponds	Monitor dragonflies
78	41	Extension Ponds	Remove silt from ponds 1 & 7 by dredging sediment. Engineers department
78	Access	Extension Ponds	Maintain views to ponds in small sections of east and west sides through summer coppicing of vegetation.
78	46	Path edge near to Extension No.1 pond	Ensure marsh woundwort population is protected and maintained.
79	29, 30	Extension hedge north of cricket nets, south section	Lay west side to retain hedgerow character and preserve any remaining hedgerow shrubs
80	29, 30	Extension, near north-east corner	Lay west half of hedge and gap up

## West and Sandy Heaths and Judges Hollow

Map ref.	Policy nos.	Location	Description of work
81	2, 7	Flagstaff	Regular cut, but with midsummer window to allow flowering of wildflowers
81	H6	Flagstaff	Maintain view from benches towards Harrow
82	13, 14	Flagstaff gorse patch	Coppice a section of gorse on 12 year rotation and remove seedlings sycamore, oak and birch in compartment. Section 2 in 2014. Follow-up bramble removal in spring/summer needed
82	13, 14	Flagstaff gorse patch	Plant any open areas with gorse
82	13, 14	Flagstaff gorse patch	Follow up management of recently expanded area of gorse. Section 1- Revisit section to remove any returning scrub or bramble growth. Replant any failed gorse.
82	Access, safety	Flagstaff gorse patch	Coppice 1-2m strip of gorse from either side of main east-west track to maintain access and firebreak
83	13	Heath lands, next to Jack Straws car park	Late annual cut, leaving refuges
84	7, 9	Meadow below Pergola	Create wildflower meadow area
85	13, 14	Heather stand on slope by Hill garden middle gate (old section of Pergola)	Weed existing heather & grow on gorse seedlings for future planting. Cut area as required with high cut to maintain as low heathland.
85	13, 50	Heather stand on slope by Hill garden middle gate (old section of Pergola)	Control bracken
86	46, 50	Area opposite Hill Garden main gate, adjacent to North End Way	Remove bramble & bracken encroaching on lily-of-the-valley & grassland
86	13	Inverforth Close/Hill Garden heather	Weed and maintain heather.

		site	
86	14, 15	Inverforth Close/Hill Garden heather site	Cut perimeter of area 2-3 times to prevent bramble and scrub encroachment.
86	14	Inverforth Close/Hill Garden heather site	Increase area of heathland/acid grassland through selective tree and scrub removal from eastern edge
87	13	Drying Ground	Coppice or lift gorse growing over heather surrounding gorse patch. Weed & maintain heather on slopes
87	15	Drying Ground	Maintain open aspect under pines by bramble & scrub removal
87	14	Drying Ground	Continue to Increase area of Heathland/acid grassland through selective tree and scrub removal southern slopes towards hollow. Rake or scrape off heavy areas of leaf mulch.
87	6, 14, 15	Drying Ground	Cut open area down to hollow to prevent scrub regrowth and establish grassland
88	7	Grass Square opposite Bull & Bush public house	Late cut to grass, removing cuttings. Cut away from road edge.
88	50	Grass Square opposite Bull & Bush public house	Control knotweed
89	29	Cuttings Path	Maintain hedge and prevent encroachment
89	7	Cuttings Path	Maintain grass bank with late annual cut
89	16, 19	Cuttings Path	Maintain sightlines and open aspect along length of path
90	50	Heather adjacent to main path leading through West Heath 50m in from Dump	Control bracken on slope adjacent to area
90	14, 15	Heather adjacent to main path leading through West Heath 50m in from Dump	Weed heather 2 to 3 times yearly.
90	4, 6	Heather adj. main path leading through West Heath 50m in from Dump	Regular cuts of newly opened grass areas to prevent scrub encroachment.
91	39, 40	Leg of Mutton Pond	Cut back holly & coppice/pollard selective trees from pond banks, on 4-year rotation to allow light to penetrate marginal areas. Prevent regrowth in areas of good emergent vegetation. 1 side a year
91	39	Leg of Mutton Pond	Removal of tree and scrub cover shading out marginal vegetation, particularly on north side
91	39	Leg of Mutton Pond	Remove willow and birch scrub growing in reedbed. Cut back/grub out bramble encroachment from edges
91	36	Leg of Mutton Pond	Dig out dryer areas of northern marsh to encourage spread of reedbed.
91	36	Leg of Mutton Pond	Cut reeds every 8 years
92	50	Woodland rear of garden fences (area south-west	Monitor & control Japanese knotweed

		of Leg of Mutton Pond)	
93	16	Main body of West Heath woodland	Develop & increase deadwood habitat piles. Place timber in bramble in shade.
93	16	Main body of West Heath woodland	Maintain open glades through removal of sycamores
93	Access	West Heath roadside	Keep road edge & bollards visible by close-mowing through season
95	7	West Heath meadow	Late cut to lower part of meadow, leaving refuges
96	36, 44, 46	West Heath valley mire (West Heath bog)	Remove encroaching bramble from around dwarf willow & seepage points
96	46	West Heath valley mire (West Heath bog)	Cut Juncus & Glyceria before frosts to allow improved growth of sphagnum species
96	46	West Heath valley mire (West Heath bog)	Try to expand sphagnum through pool re-creation & translocation
96	46	West Heath valley mire (West Heath bog)	Maintain low herbage through regular cutting. Monitor for development of sphagnum.
96	14	West Heath valley mire (West Heath bog)	Regular cut of area between West Heath meadow & bog through removal of scrub & selective lifting & thinning of trees. This will increase area of acid-loving flora such as tormentil.
96	36	West Heath valley mire (West Heath bog)	Increase extent of boggy area through scrub removal from northern seepage point.
97	36	Whitestone Pond	Maintain pond to specification outlined by City Surveyors. Cut reedbed in early spring
98	7, 50	Flat area at top of Judges Hollow, close to flagstaff	Early cut; top thistle within grassland area
99	Access	Lower corner West Heath road/ Branch Hill junction	Maintain sightlines for traffic on lower bend.
99	Access	Lower corner West Heath road/ Branch Hill junction	Cut back road edge from Branch Hill junction down to West Heath meadow if necessary road closure can be obtained.
100	7, 13	Judges Hollow small wooded area & steep slope	Late annual cut to half slope
100	50	Judges Hollow small wooded area & steep slope	An isolated & expanding area of thistle & nettle on edges of bank needs regular cut to prevent expansion into acid grassland
100	50	Judges Hollow	Cut or pull patches of nettle among fine grasses

		lower section & gentle slope	
100	50	Judges Hollow lower section & gentle slope	Selective cut during May & July to reduce aggressive coarse grasses.
100	50	Judges Hollow lower section & gentle slope	Remove bramble & seedling trees encroaching on all open areas
100	50	Judges Hollow area of mature gorse	Remove large turkey oak and any seedling sycamores
100	7	Judges Hollow lime & chestnut avenue	Late cut of grass next to houses.
100	Access	Judges Hollow lime & chestnut avenue	Prune epicormic shoots on limes
101	Access	Path from Spaniards Green to Ikin's Corner	Cut back bramble encroachment
101	20	Sandy Road	Continue cutting 2 coupes/year along ride in 5-year rotation. Sections 1a +5a 2013. 2b + 4b in 2014. See map.
101	20	Sandy Road	Scallop path edge and ride edges during July
102	H1	Cooling Track	Monitor & remove tree seedlings along ditch as necessary
102	7	Cooling Track	Glade opposite Extension top locking bar: late cut at end of season
102	43	Cooling Track	Clear ditch culvert as necessary
103	50	Old Sand Pit, behind Heath House	Remove seedling sycamores
103	Access	Old Sand Pit, behind Heath House	Shape low epicormic growth from lime trees by bench
104	7, 50	Woodland next path & horse chestnut avenue, south of end of North End	Late cut to the Lily of the Valley area to remove bramble & ivy encroachment
104	16	Woodland next path & horse chestnut avenue, south of end of North End	Develop deadwood habitat
105	39	Sandy Heath pond 3	Selectively coppice or remove tree/gorse and scrub cover from the edge of No.3 pond to prevent shading and establishment of large trees. Attempt to establish soft rush in pond margins.
105	4, 14	All Sandy Heath ponds	Remove bramble developing in damp shaded areas & acid grassland
105	36	All Sandy Heath ponds	Remove selected emergent vegetation + sediment to prevent succession & maintain area of open water. Pond 1 in 2013. Do 2014 with mini digger
105	14	All Sandy Heath ponds	Regular cut of grass adjacent pond 4 to establish & maintain acid grassland
105	36	Main Sandy pond	Boom and net duckweed from pond No.2 surface when covering greater than 25% of pond surface
105	14	Sandy Heath grassland	Review removing turkey oaks from selected areas to increase the extent of acid grassland.
107	13, 14	Pitt's Garden	Weed & maintain heather plantings. Remove pine tree

			seedlings & saplings. Remove willow saplings.
107	14, 15	Pitt's Garden	High cut of northern heather section to maintain as low heath and prevent scrub encroachment.
107	14, 15	Pitt's Garden	Cut around heather sections to prevent scrub encroachment
107	16	Pitt's Garden	Remove three pine tree to provide room for the rest to mature
107	13	Pitt's Garden	Keep bramble controlled in areas of gorse
107	Access	Pitt's Garden	Remove wooden fence surrounding the arch
107	H1	Pitt's Garden	Keep listed wall adjacent to North End clear of vegetation.
107	H1, 50	Pitt's Garden	Remove some bramble & buddleia & coppice gorse along top of crib wall bank
107	4	Pitt's Garden	Maintain margins as grassland & prevent scrub encroachment on path by fence adjoining North End Way
107	14	Pitt's Garden	Increase area of potential heathland through removal of selected shrubs and trees from northern section.
108	6	Paddock	Grub tree seedlings & bramble as necessary
108	50	Paddock	Reduce thistles
108	7	Paddock	Early spring cut to 80% of meadow, leaving refuges, & repeat cut in summer, to encourage scabious
108	46	Paddock	Plant scabious plugs around Paddock to encourage spread
109	50	Large (Summer) Meadow	Control majority of Canadian golden rod, Russian comfrey & Michaelmas daisy as required
109	50	Large (Summer) Meadow	Remove non-native tree seedling in peripheral areas of meadow
109	7	Large (Summer) Meadow	Early spring cut (around March) to allow invertebrates to overwinter in dead stems
109	6	Large (Summer) Meadow	Cut back bramble edge on south side by 3m
109	6	Large (Summer) Meadow	Continue to remove saplings coming up through gorse
110	13, 14, 15	Gorse patch	Gorse expansion in section 1 (if not done 2013). Remove tree and scrub cover from area. Grub out any bramble. Rake and remove as much top soil as possible. Plant up with potted gorse.
110	13, 14, 15	Gorse patch	Coppice gorse on a 12 year rotation in Section 2. Grub out seedling trees and remove bramble. Plant up any bare/dead patches with potted gorse
110	13	Gorse patch	Follow up management of recently expanded area of gorse. Section 1- Revisit section to remove any returning scrub or bramble growth. Replant any failed gorse.
110	13	Gorse patch	Coppice 1-2m strip of gorse from either side of main east-west track.
110	13, 14, 50	Gorse patch	Control bracken
111	16, 22	Woodland adjacent Spaniard's Road	Develop deadwood habitat
111	16, 23	Woodland adjacent Spaniard's Road	Remove cycle jumps
112	H6	North End Green: corner North End & North End Avenue	Cut bramble beneath trees to open view of Green from North End Avenue.
112	Access	North End Green: corner North End & North End Avenue	Put in new boundary posts adjacent to old ones, leaving the bases of the former rotten posts in the ground for stag beetle larvae and prevent disturbance of newts

112	1	Woodland edge north end Bridle Cottage entrance	Maintain open aspect along Bridle Cottage wall
113	4	Hill above Wylde's Farm	Maintain 5m grass verge by cutting twice p.a.
113	H6	Hill above Wylde's Farm	Remove small holly regrowth & saplings
113	H6	Hill above Wylde's Farm	Cut low bramble on bank in summer
113	Access	Wylde's Farm access road	Remove any garden rubbish
113	Access	Wylde's farm access road	Strim round bollards throughout season
113	Access	Wylde's farm access road	Selectively thin trees growing into road
113	16	Woodland near Wylde's Farm	Manage area with pines to encourage these by removing senescent larches and nearby Turkey oaks and planting new Scots pines.

# Arboricultural Works

## Veteran trees

Policy nos.	Location	Description of proposed works
NL13	Selected locations Heath-wide	<p>Management to tranche of next 50 nominated trees from the Veteran Tree 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>Cable bracing</li> <li>Dead hedging</li> <li>Mulching</li> <li>Moving paths/targets</li> </ul>

## Wild service

Policy nos.	Location	Description of proposed works
NL4	Selected locations Heath-wide	<p>Continue to record new found specimens.</p> <p>Works to 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> <li>• Planting 4 year old saplings in identified locations</li> <li>• Collecting seed for next tranche of propagation</li> </ul>

## Poplar project

Policy nos.	Location	Description of proposed works
	Selected locations Heath-wide	<p>Survey of entire Poplar population Identification &amp; prioritisation of works required</p> <p>To include:</p> <ul style="list-style-type: none"> <li>• Reduction of lapsed pollards</li> <li>• Removal of ivy to aid annual inspection</li> <li>• Removal of significant dead wood and hazard beams</li> </ul>

## Un-programmed and routine tasks

Policy nos.	Location	Description of proposed works
NL14	Selected locations North London Open spaces - wide	<p>Emergency works, to include making safe windblown and recently identified (Arbtrack) unstable and/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>Remedial tree works, to include reduction, felling, pollarding, coppicing &amp; airspading</p> <p>These works produced from Arbtrack Tree Risk Sequencing Inspections.</p> <p>Pest and disease monitoring:</p> <ul style="list-style-type: none"> <li>• Inspect for disease and pests within tree populations, including;</li> <li>• Massaria</li> <li>• Oak Processionary Moth (pheromone trapping)</li> <li>• Chalara fraxinea – (Ash die back)</li> <li>• &amp; AOD (Acute Oak Decline)</li> </ul>

## Additional Works

Policy nos.	Location	Description of proposed works
HY1	Burnham Beeches	Veteran beech pollard restoration
	Haringey & Camden	Working Party – assisting neighbouring Local authorities to carry out woodland conservation & veteran tree management
	Selected locations North London Open spaces - wide	Assisting with various arboricultural operations when required on CBT projects
	Selected locations North London Open spaces – wide	Flood Management: assisting and advising on arboricultural operations on dam structures on Highgate and Hampstead chains

# Formal Areas

## Parliament Hill Fields

### Routine Cyclical Maintenance 2014

<b>Policy nos.</b>	<b>Area</b>	<b>Description</b>
S1, S2, S7	1 Cricket Square and Outfield	Maintain cricket table and outfield 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.
S1, S2, S7	1 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.
NL4, NL6	Woodland planting in cricket enclosure	Pruning management of blackthorn, hawthorn, rosa, buckthorn plantings along East and Southern boundary of cricket enclosure.
S1, S2, S7	Bowling Green / Croquet	Liaise with licensee of the Bowling Green and offer advice and support throughout the year.
S1, S2, S7	Formal grass sports areas: 2 football pitches 1 rugby training grid 6 schools training grids 1 soft ball area 5 rounder areas 4 mini football 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.
S1, S2, S7, S8	Formal grass sports areas: 2 football pitches 1 rugby training grid 6 schools training grids 1 soft ball area 5 rounder areas 4 mini football training grids	Renovation of grass pitches and grids 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.  Priority will be given to non-chemical control methods.
S1, S2, S7, S8	Class A Listed 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 and replace as necessary. Keep abreast with current UKA regulation changes.  Routine checking of hurdles / landing mats / hammer wires / throwing equipment / pole vault 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.
S1, S2,	Petanque Area	Daily checking of Petanque area to include debris removal,

<b>Policy nos.</b>	<b>Area</b>	<b>Description</b>
S7		raking and replacement of topdressing material as necessary. Continual monitoring of weed and moss growth. Priority will be given to non-chemical control methods.
S1, S2, S7	10 Hard Tennis Courts	Maintain 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.
P1	Informal Recreation Areas Dukes Field Stone of Free Speech Bandstand Grass Surrounds Children's Enclosure.	Grass cutting of individual grass recreational areas a minimum once every seven days. Daily collection of litter, debris and dog faeces. During Spring & Summers term times place temporary bins on Dukes Filed & Stone for Free Speech. Re-instate as necessary.
NL3	Natural Grassland Areas in Parliament Hill	Management of existing recently developed natural grass areas (front of Lido) to encourage flora and fauna and extend the natural aspects of the Heath into this municipal area.
NL3	Natural Grassland Areas in Parliament Hill	Cut and collection of designated areas on a three yearly cycle. All cut grass to be baled and removed.
D1	Recently planted Specimen Trees – Dukes Field / Stone of Free Speech	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.
B4	Male / Female / Disable Public Toilets	Ensure daily cleaning of toilets and regular checks. Replenish toilet rolls and soap on an hourly basis during peak times. Arrange for one deep clean in March/April.
D1	Mixed Boarders in Bowling Green	Maintain boarders 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.
NL6	Hedge Rows at Highgate Road, Tennis Courts and Bowling Green	Cut hawthorn hedges (outside of bird nesting season) to an appropriate height to encourage vigour, density and maintain views.
P3 B8	Memorial Benches / Litter bins / Tennis Hut Shelter / Tennis Huts	Repair, re-stain or re-paint benches. Remove graffiti and bird droppings as required.
B8	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 wooden edging boards repaired as necessary.
P1	Routine patrolling of Parliament Hill Area	Visual presence will be maintained by Keeping staff during opening hours. Staff will interface with the public and hand out information answer queries and monitor bye-laws as necessary. Assist the Hampstead Heath Constabulary with emergency situation, for example lost children, lost dogs and vulnerable people.
	Christmas Tree	Sighting and later, dismantling of Christmas Tree by main Highgate Road entrance.
A8	Heath Hands Volunteers	Provide a programme for Heath Hand volunteers for the horticulture projects and works undertaken at the Parliament Hill area.
P8	Filming	Manage events to ensure that there is no long-term damage to

Policy nos.	Area	Description
		the landscape and minimise disruption to local communities.

### Parliament Hill Project - 2014

B14	Ball / Bull Path Gateway	<ul style="list-style-type: none"> <li>Remove hedging at Tennis Hut Lawn, Highgate Road Petanque side and close-up pedestrian gap on Highgate Road.</li> <li>Plant up new orchard consisting of rare British natives.</li> <li>Replace metal bollards with wooden bollards.</li> <li>Clad Keepers house at entrance with rustic wood.</li> <li>Install bicycle stands and square gravel sets.</li> </ul>
B14	Shrub bed entrance to Ladies Toilets	<ul style="list-style-type: none"> <li>Remove metal fencing</li> <li>Retain existing tree and replant with native species.</li> </ul>
NL6	Children's Play Ground	<ul style="list-style-type: none"> <li>Refresh soil and replant containers.</li> <li>Install education interpretation boards designed for children.</li> </ul>
NL6	Established Highgate Road Boundary & Bowling Green Hawthorn Hedge	<ul style="list-style-type: none"> <li>Reduce height of hedge by 0.25m to improve hedge vigour; air circulation around green and reduce the events of persons working at height.</li> <li>Gap up with mixed hedge planting.</li> </ul>
NL6	One year old hedge planting	<ul style="list-style-type: none"> <li>Re-plant failed natural hedge whips around tennis courts 5-10.</li> </ul>
NL6	Lissenden Gardens Shrub Boarder Entrance	<ul style="list-style-type: none"> <li>Removing sections of non-native species and replanting with native species, including bulbs.</li> <li>Hard pruning of native species to encourage new growth.</li> </ul>
NL6	Parliament Hill Café & surrounds	<ul style="list-style-type: none"> <li>Replace rotten wooden container in front of café building and plant up with native species.</li> <li>Review and replace table and chairs – seek detailed design approval from Consultative &amp; Management Committee before installation.</li> </ul>
NL6	Football Changing Rooms	<ul style="list-style-type: none"> <li>Re-landscape back of building looking at Savernake Bridge.</li> </ul>
NL6	Bowling Green – Mixed boarders	<ul style="list-style-type: none"> <li>Replant heathers plants.</li> <li>Review boarder to ensure all round seasonal interest.</li> <li>Remove conifer by first gate.</li> </ul>
	Fossil Fuel Day	<ul style="list-style-type: none"> <li>Manage the operation of Parliament Hill two days per year where no fossil fuel is to be used (excluding heating, contractors, café and emergency services).</li> </ul>

## Golders Hill Park, Hill Garden and the Pergola (Includes sports areas on the Heath Extension and Keats House)

### Routine Cyclical Maintenance 2014

<b>Policy nos.</b>	<b>Area</b>	<b>Description</b>
S1, S2, S7	Heath Extension 2 Cricket Squares & Outfield	Maintain cricket table and outfield 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.
S1, S2, S7	Heath Extension 2 Cricket Squares 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.  Erect post and chain fence during off season.
S1, S2, S7	Heath Extension Grass Sports Areas: 3 football pitches / 2 rugby pitches / Hockey Pitch / 1 school running track 2 cricket nets	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.  One rugby pitch has been temporary re-located during National Grid works for another season
S1, S2, S7	Heath Extension Sports: 3 football pitches 2 rugby pitches 1 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.
S1, S2, S7	Heath Extension 6 Changing Rooms 2 Officials Rooms	Provide clean, well-maintained facilities to schools and sports clubs all year round. Facilities to be routinely cleaned.
S1, S2, S7	Heath Extension Informal Recreational Grass	Grass cutting of informal recreational areas a minimum once every seven days. Daily collection of litter, debris and dog faeces.
B4	Public Toilets - Golders Hill Park x 2	Ensure daily cleaning of toilets and regular checks. Replenish toilet rolls and soap on an hourly basis during peak times. Arrange for one deep clean in March/April.
A1	Golders Hill Park / Heath Extension / Pergola Routine patrolling	Visual presence will be maintained by Keeping staff during opening hours. Staff will interface with the public and hand out information answer queries and monitor bye-laws as necessary. Assist the Hampstead Heath Constabulary with emergency situation, for example lost children, lost dogs and vulnerable people.
S1, S2, S7	Golders Hill Park 2 Grass Tennis Courts 2 Croquet Squares 1 Putting Green 2 Table tennis tables	Maintain grass tennis courts and croquet squares to include twice 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

Policy nos.	Area	Description
		individual courts.
S1, S2, S7	Golders Hill Park 2 Grass Tennis Courts 1 Croquet Square 1 Putting Green 2 Table tennis tables	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.
S1, S2, S7	Golders Hill Park 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.
NL3	Golders Hill Park Natural Grassland Areas / Orchard Meadow / Dell Area / Swan Pond	Management of natural grass areas to encourage flora and fauna. Pathways cut through on a weekly basis and areas are "framed".
NL3	Golders Hill Park Natural Grassland Areas Orchard Meadow / Dell Area	Late September annual cut and collection - all grass cuttings to be re-cycled. Followed by two general maintenance cuts before end of November.
D1, NL10	Sustainable Planting in Walled Garden	Maintain sustainable plantings to include lifting and dividing, irrigation, staking, pest, weed and disease control - priority will be given to non-chemical control methods. Maintain and update interpretation boards and other media
D1	Golders Hill Park / Hill Garden, Pergola / Kitchen Garden / Keats House: 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.
D1	Golders Hill Park / Hill Garden, Pergola, Kitchen Garden / Keats House 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.
NL6	Golders Hill Park / Hill Garden, Pergola, Kitchen Garden / Keats House Hedge Management	Cut hedges to an appropriate height to encourage vigour, density and maintain views. Hedges include Privet, Hornbeam, Yew, Buxus, Holly, Copper Beech, and Lonicera. Priority will always be given to the bird nesting season.
D1	Golders Hill Park Hanging Baskets by Café / Planting Tubs / Spot planting in boarders	Install hanging baskets and other seasonal planting areas maintenance to include weed & disease control, dead-heading, fertilising and daily irrigation. Priority will be given to non-chemical control methods.
E1,E3 P1	Golders Hill Park / Heath Extension Children's Play Areas	Children's play areas will be formally checked by qualified keeper on a weekly basis. Daily visual inspections will be carried out by keeping staff. Annual external playground inspections will be carried out by ROSPA.
E1,3 P1, 10	Golders Hill Park 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.
E1, E3 P1, P10,	Golders Hill Park Zoo	Maintain all livestock and enclosures within the zoo to the animal welfare and husbandry standards as required by the

<b>Policy nos.</b>	<b>Area</b>	<b>Description</b>
NL10		<p>Zoo licensing Act.</p> <p>Monitor and maintain all enclosures and housing infrastructure within the zoo, to ensure safety and continued suitability. reporting any defects that may require attention.</p> <p>Liaise regularly with the zoo veterinarian to ensure the health of all the livestock within the zoo.</p> <p>Prepare for and attend bi-annual zoo ethics meetings.</p> <p>Ensure grass levels and general foliage within the animal enclosures is kept at a presentable level throughout the year. Areas left uncut to encourage natural animal behaviour e.g. foraging</p> <p>Promote the zoo to members of the public through advertised feeds, talks, donkey walks and animal adoption scheme.</p> <p>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.</p> <p>Maintain interpretation boards and other media</p>
E1,E3 P1, NL10	Golders Hill Park Butterfly House	<p>Full access to the Butterfly House will be available to the public during opening hours.</p> <p>Friday 4 April 2014 to Sunday 7 September 2014, 2-4pm every day.</p> <p>Saturday 13 September 2014 to Sunday 26 October 2014, 2-4pm, Saturday and Sunday only.</p> <p>27 October 2014 to April 2015 - CLOSED FOR WINTER PERIOD.</p> <p>The facility will be maintained in accordance with good husbandry practice.</p> <p>Maintain interpretation boards and other media</p>
B8	Golders Hill Park / Heath Extension / Pergola Memorial Benches / Gazebo / Litter bins	<p>Repair and re-stain benches and remove graffiti and bird droppings as and when required.</p> <p>Annual clean and re-painting of gazebo.</p>
P3	Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden Litter	All areas to be litter picked daily. Litter bins to be emptied daily.
B8	Golders Hill Park / Heath Extension / Hill Garden, Pergola, Kitchen Garden / Keats House Footpaths, Signage, Fences	<p>Footpaths, signage, fences will be checked on a daily basis and repairs carried out as and when required.</p> <p>Wooden edging boards repaired as necessary.</p> <p>Wooden edging to be replaced with steel metal edging over a 20 year period.</p>
	Golders Hill Park Christmas Tree	Erection and, later, dismantling of Christmas tree by main North End Road entrance.
A8	Golders Hill Park / Hill Garden, Pergola, Kitchen Garden / Keats House/Butterfly House Heath Hands Volunteers	Provide a programme for Heath Hand volunteers for the horticulture projects and works undertaken at the various locations across the Heath.
HY1 NL5	Golders Hill Park / Heath Extension	Maintain ditches and water courses. Grid clearance to be carried out during inclement weather.

Policy nos.	Area	Description
	Ditch Management	All ditches to be maintained as specified in Corporation of London hydrology policy.
A1 D3	Children's Entertainment / Bandstand Concerts / Open House / Open Squares	Overseeing of children's education / interpretation / Open House & Square events, bandstand concerts etc.
HY1, NL5	Golders Hill Park Ponds and Streams	Quarterly maintenance of pond pumps and filters. Daily inspection of overflows and safety equipment. Management of vegetation on pond edges.
P8	Filming	Manage filming events on the Heath to ensure that there is no long-term damage to the landscape and minimise disruption to local communities.

### Golders Hill Park Project - 2014

E1,3 P1, 10	Golders Hill Park Zoo	<ul style="list-style-type: none"> <li>Retain five year Zoo licence in accordance with Zoo Licensing Act 1981</li> </ul>
NL5, NL9, NL10	Stumpery Phase 2	<ul style="list-style-type: none"> <li>Plant up stumpery in accordance with agreed October 2013 Management Committee report.</li> <li>Continue last 25meter stretch of dead hedging.</li> <li>Cover sand bags in stream with ground cover plants.</li> <li>Explore the installation of a pump to re-cycle water in stream.</li> <li>Install and update interpretation boards and other media.</li> </ul>
P1	Children's Play Area	<ul style="list-style-type: none"> <li>Research and install new additional play equipment.</li> </ul>
NL5, NL9, NL10	Outside Education Educational Area	<ul style="list-style-type: none"> <li>Creation of a small section of Green Wall</li> </ul>
D1	Keats House	<ul style="list-style-type: none"> <li>Additional planting to Keats House – subject to monies being available.</li> </ul>
D1, NL5	Lily Pond	<ul style="list-style-type: none"> <li>Plant native Water-Lily (Nuphat lutea and Nymphaea alba) and monitor their establishment. Wire protection is needed following 2013 failing due to water fowl.</li> </ul>
D1	Hill Garden	<ul style="list-style-type: none"> <li>Re-plant shrub borders following final phase wall repairs.</li> <li>Following consultation and agreement from Tree Officer seek to remove six self set trees to improve light levels to planting below.</li> </ul>
	Fossil Fuel Day	<ul style="list-style-type: none"> <li>Manage the operation of Golders Hill Park two days per year where no fossil fuel is to be used (excluding heating, contractors, café and emergency services).</li> </ul>
D1, NL6	Yew Hedge	<ul style="list-style-type: none"> <li>Replace dying hedge in Walled Garden with Buxus to tie in with rest of the Wall Garden.</li> </ul>
	Table Tennis Table & Children's Play Area	<ul style="list-style-type: none"> <li>Install tiger mulch surfacing around tables – similar to pathway surface in playground by bowling green and section of worn grass at bottle neck in Children's Play Area.</li> </ul>
	Waste Dump Area	<ul style="list-style-type: none"> <li>Review layout of the space to improve security and efficiency of site</li> </ul>
	Poppy Field	<ul style="list-style-type: none"> <li>As part of World War One centenary create a poppy area in the Swan Pond.</li> </ul>