

Appendix 1

Hampstead Heath Annual Work Plan January to December 2013

Introduction

The Annual Work Plan January-December 2013 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.

Note that items from the 2012 Annual Work Plan which have not yet been undertaken have been included. Many of these may be completed before the end of 2012 and, if not of a repetitive nature, will then be removed from the 2013 list.

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.

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, 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 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. 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 understorey, 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.
- 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 2013

This section identifies the major items of new work which we shall be undertaking in 2013. Numbers refer to locations shown on attached map.

Wildflower meadows

The 'Sparrows' wildflower meadow (number 32), above the paddling pool at Parliament Hill and measuring about a quarter of a hectare, was established in 2009 and has been a considerable success. Two further meadows were seeded in 2012 using funds provided by the City Bridge Trust. That on the Old Hockey Pitch (not shown on map) germinated sufficiently well for the fence to be removed this autumn. Unfortunately establishment at the Parliament Hill site (number 26) was very poor, probably due to slug damage on this relatively damp site during the extremely wet spring. The site was re-sown in early October, and it is envisaged that the fence will be removed by early summer 2013.

The 2012 programme listed the establishment of about 0.1 hectares of perennial wildflowers in an area of rough grassland below the Pergola (number 96). This has been held over to 2013. Two further areas are planned for seeding with perennial wildflowers in 2013, as agreed by the Management and Consultative Committees in 2011. These are in Tumulus Field (number 28) and are situated near the top north-west corner (a City Bridge Trust project) and 0.08ha near the top of cycle track (part of the RSPB Heritage Lottery Fund project). They together amount to 0.25 hectares.

Two small areas of annual wildflowers have also been established on the Heath, one by the northern-most entrance to Parliament Hill, near Duke's Field (number 41), and the other on the Heath Extension (number 88). These have been greatly admired by the public, and will be re-sown in spring 2013. The fence round the area on the Extension will be removed once the flowers have established, but it will not be possible to take down the fence round the one at Parliament Hill due to the number of dogs frequenting this part of the Heath. However, the fence will be made sinuous and the area will be extended slightly towards the road to make it look more natural.

Hedge work

About 100m of hedge will be laid in 2013, mostly on the Heath Extension. One exception is the eastern-most section of Hedge 1 at Parliament Hill, near the first pond (number 42). This old hedge is becoming a line of spindly trees and shrubs, and it is imperative that it is laid to preserve it as a hedge, and prevent it becoming a line of trees, as has happened to Hedges 2 and 3. The adjacent section was laid in 2011. A third of the blackthorn-dominated boundary between Pryor's Field (number 16) and the Mixed Pond will also be coppiced or laid, to regenerate it.

There is a large patch of scrub in Small Tumulus Field (number 31) adjacent to Hedge 3. Scrub between this and the Hedge will be cut back to prevent the area becoming part of the Hedge.

Invasive species

Ragwort is becoming more common on the Heath. It is a native plant of considerable wildlife value, and there is no legal requirement to control it. However, we do not wish it to dominate significant areas of grassland, as has happened on one of the Paddocks on Sandy Heath and on part of Small Tumulus Field. A report on options will be produced.

An experiment will be initiated to test methods of controlling creeping thistle. Different cutting and topping treatments will be tried on the southern slopes of Parliament Hill (number 34), where thistle is extensive, and the area will be monitored.

Work will continue to prevent unwanted spread of bramble. This will include reducing its extent in Pryor's Field (number 16), in line with the agreed Management Work Plan. The Heath and Hampstead Society has also requested that several cuts are made into the bramble round attractive trees in the more open sections of South Meadow (number 46), so that their trunks can be admired, and this has been inserted into the work programme.

New kingfisher bank

A new kingfisher bank is proposed on the northern bank of the Viaduct Pond (number 15). This will be partly hidden by trees and shrubs, and if successful will allow unrivalled views of the birds from the Viaduct.

New boundary posts

Where new boundary posts ('shark's teeth') are required due to decay of the existing ones, it is proposed to shear off the old ones at ground level but leave their bases in place, and insert the new ones adjacent to the old. This is to protect any stag or lesser stag beetle larvae, which are from time to time discovered in the rotting bases of old posts. Newts have also been found sheltering in the bases of rotten posts on the Extension.

Work required by the Dams Supervising Engineer

The Supervising Engineer will require further tree and scrub clearance to reduce flood risk. The City has a legal requirement to carry out this work. This is in advance of the proposed major project on the flood alleviation. Several ponds, including Highgate no 1, Hampstead no 1, Vale of Health and the Viaduct may be affected.

Vale of Health

It is proposed to coppice willow trees in the centre of the Upper Vale of Health (number 2). This will reduce shading to the edge of the acid grassland and improve the view over the Vale from entrance to the Heath from Whitestone Lane.

Removal of trees and scrub adjacent to the Tormentil Slopes (number 12) in 2012 has successfully increased the population of this iconic flower of acidic grassland. It is proposed to further improve the habitat here by removing a fallen willow tree, removing lower branches of trees at the bottom of the slope, and attempting to control bramble, willowherb and coarse grasses.

Flagstaff area

It is proposed to extend the gorse in this area (number 94), in line with the management plan. This will entail removing tree and scrub cover from and planting with gorse.

Leg of Mutton pond

It is proposed to cut back holly & coppice or pollard selective trees from the banks of the pond (number 105) on 4-year rotation, to allow light to reach marginal areas. Regrowth will be prevented in areas of good emergent vegetation. In addition, tree and scrub cover shading out marginal vegetation will be removed, particularly on the north side.

South Meadow

In the wooded section of South meadow (number 46) it is proposed to remove or high pollard a small number of ash trees and up to six young oaks near the boundary with Tumulus Field in order to improve the view from the Chubb Shelter. The trees will subsequently be maintained at this height.

Tumulus Field

Saplings and seedlings near the dead tree in Tumulus Field (number 28) will be removed, leaving the three best as options to be grown on as replacements.

Parliament Hill

Another of the shrub patches on Parliament Hill (number 37) will be layed, to retain the rotation and keep these areas as thick shrubs. The best one to lay has yet to be decided.

Compartment Management Work Plans

In 2012 management work plans covering Pryor's Field, Sandy and Flagstaff Gorse Patches and Sandy Heath Ponds were approved. The management items detailed in these have been added to the work programme. In 2013, in addition to those currently under way (Harry's Compartment (numbers 55 and 56) and Sandy Road Coupes (number 119)), detailed management work plans will be prepared for the Hampstead Branch of the Fleet Stream (number 10), Preacher's Hill (number 20) and Small Tumulus Field (number 31).

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

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 listed 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.

General items

Map ref.	Policy nos.	Location	Description of work
	47	Hedgerows Heath-wide	Report on survey of the Heath's hedgerows
	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
	27	Heath-wide	Survey the Heath for opportunities to promote existing trees or plant new ones to become veterans of the future
	50	Heath-wide	Control Himalayan balsam, Japanese knotweed, giant hogweed, California brome 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

	50	Selected locations Heath-wide	Top thistles before they seed to try to control them
	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
	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
2	16	Upper Vale of Health	Control bramble as necessary to prevent further spread
2	4	Upper Vale of Health	Reduce brambly clumps by steps opposite Vale Lodge
2	H6	Upper Vale of Health	Cut bramble etc. round Pound to maintain views to it
2	1	Upper Vale of Health	Cut Cotoneaster opposite The Gables every 1-2 years to maintain at about 1m70cm
2	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
2	4	Upper Vale of Health	Mow majority of fertile grassland (including along paths) annually in September, removing arisings
2	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
2	13	Upper Vale of Health	Weed heather annually
2	4	Upper Vale of Health	Maintain rough vegetation at top of slope near Whitestone Pond by cutting annually after cow parsley has flowered
2	50	Upper Vale of Health	Pull Japanese knotweed then spray regrowth in late summer
2	50	Upper Vale of Health	Cut areas of hogweed in rough grassland 2-3 times p.a. to prevent spreading
2	16	Upper Vale of Health	Ensure trees & shrubs in bramble areas do not become more numerous
2	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.
2	50	Upper Vale of Health	Control invasive species, e.g. sycamore, southern woodland, adjoining Vale of Health Approach Road
2	50	Upper Vale of Health	Remove Himalayan balsam from area
2	6, H6	Upper Vale of Health	Coppice willow trees in the valley to increase acid grassland and improve view over the Vale from entrance to the Heath from Whitestone Lane

2	Access	Upper Vale of Health	Approach LB Camden to erect public footpath sign at end of Whitestone Lane
2	Access, H6	Upper Vale of Health	Install memorial bench at viewpoint over Vale on access path onto the Heath from Whitestone Lane
3	Safety issue	Vale Approach Road	Maintain sightlines at junction of East Heath Road
4	4	Springett's Wood	Mow grass 2-3 times avoiding bluebell leaves.
4	Access	Springett's Wood	Clear & mow path to new gate (see below)
4	Access	Springett's Wood	Clean & oil bench
4	36	Springett's Wood	Remove excessive marginal vegetation in pond
4	50	Springett's Wood	Remove & dispose of Crassula helmsii if present in pond
4	36	Springett's Wood	Enlarge pond
4	Access	Springett's Wood	Install second gate near western end of fence
4	16	Springett's Wood	Check tree guards & tree ties, & clear scrub around young trees
4	16	Springett's Wood	Remove bramble etc. from fallen live pear tree
5	29, 50	Row of trees/hedge on north/upper side of Hockey Field	Water newly planted shrubs as required
6	Access	The Elms/Radio Mast	Cut back bramble/scrub encroaching on access road
7	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.
8	16	Pines near the Ice House	Clear saplings round old pines and bring on new ones to replace them as they decline
9	16	Woodland south of Vale of Health Approach Road	Remove ivy from 20% of trees each year
10	25	Fleet Stream, Hampstead branch	Prepare a compartment management work plan
11	36	Fleet stream crossing to Viaduct slopes	Re-coppice/clear area previously opened up by crossing to Viaduct pond slopes
11	Access	Fleet stream crossing to Viaduct slopes	Improve crossing, e.g. with wood sleepers
12	13, 14	Tormentil Slopes	Cut bramble patch and rosebay willowherb repeatedly, starting before bird nesting season
12	13, 14	Tormentil Slopes	Cut areas of coarse grass repeatedly
12	14	Tormentil Slopes	Remove fallen willow branches by Tormentil slopes and raise crowns of trees along lower slopes
13	16	Path between Viaduct pond slopes and Hollow Beech	Scallop bramble edges
14	4	'Secret glade' W of path between Viaduct pond & Vale toilets	Continue reducing bramble & rosebay willowherb. Reduce birches and prune back overhanging oak branch on NW of clearing

15	42	Viaduct Pond	Construct new kingfisher bank on northern arm as part of RSPB project
15	16, 50	Viaduct Pond	Remove or coppice young sycamores in enclosures to west of pond
15	13	Viaduct Pond	Remove bramble and tree saplings from gorse. Plant more gorse if necessary
15	H6	Viaduct pond	Heavily cut back hedge by fence at south-west of pond to restore view of water from grassy slope.
15	H6, 16, 39	Viaduct Pond	20% (approx. 55m of pond edge) of alder, willow to be coppiced every year where they occur within 5m of pond edge. Also in 2013 cut ½ of alder obstructing view of pond from grassy slope to south-west of pond. Consider treating where marginal vegetation is present.
15	39, 50	Viaduct Pond	Remove sycamore and false acacia and recoppice tree regrowth between Bird Bridge and the Viaduct to maintain open area.
15	39	Viaduct Pond	Coppice willow, alder and silver birch along east bank.
15	13	Viaduct Pond	Maintain heather patch on slope by regular weeding
15	50	Viaduct Pond	Manage/remove/spray Japanese knotweed in enclosed area.
15	50	Viaduct Pond	Pull Himalayan balsam from marsh area
15	13	Viaduct Pond	Remove bramble and saplings from gorse area. Coppice any degrading gorse
15	36	Viaduct Pond	Remove 25% of elodea to maintain open water and reduce chance of oxygen depletion late in season. Review requirement for this with reference to upcoming dams work.
16	Access, 7	Pryor's Field	Mow fertile grassland in southern part of field
16	7	Pryor's Field	Cut or dig up patch of blackthorn suckers on western side of path along Mixed Pond side of field
16	46	Pryor's Field	Check area where common spotted orchid grows to ensure it is not being outcompeted; manage appropriately if so.
16	50	Pryor's Field	Clear sycamore saplings and laurel from woodland strip along north edge
16	50	Pryor's Field	Pull any Himalayan balsam in damp patch. Pull Himalayan balsam in central bramble patch only if whitethroat not breeding.
16	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.
16	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
16	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
16	13	Pryor's Field	Maintain gorse along northern edge by clearing bramble as necessary
16	6	Pryor's Field	Reduce the extent of areas of bramble as specified on management plan, cutting by hand where ant hills are present.

16	50	Pryor's Field	Remove sycamore trees and saplings from large willow area on the southern edge near the fairground site
16	Access	Pryor's Field	Plant a band of shrubs such as hazel and hawthorn adjacent to the white poplars along the south-east boundary to shield views of the fairground site and improve the sense of enclosure
16	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
16	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
16	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
16	14	Pryor's Field	Plant more gorse in small area recently cleared
16	4	Pryor's Field	Cut a small area of bramble in north-east of field with aim of eradicating it
16	50	Pryor's Field	Pull or cut any purple Michaelmas daisy or white Michaelmas daisy not growing in main patch
16	47	Pryor's Field	Monitor extent of hogweed
16	50	Pryor's Field	Remove hogweed flowers before seeding and take off site in all areas except that specified on map in management plan
16	50	Pryor's Field	Cut round Michaelmas daisy and bramble patches to retain current extent
16	50	Pryor's Field	Control Japanese knotweed
16	6, 50	Pryor's Field	Control bramble and thistle as specified in management plan
17	Access	South End Green	Remove wooden fence alongside the plane trees to open up this entrance to the Heath
18	6	East Heath Road	Control spread of bramble, trees etc. onto road and grassland
18	6	East Heath Road	Regularly prune willows to maintain form and maintain safe driver visibility at car park entrance
19	6	Willow Road	Keep bramble back to current frontier, with elm suckers removed
20	25	Preacher's Hill	Prepare a compartment management work plan
20	20	Preacher's Hill	Continue habitat management of woodland copses by sensitive coppicing and dead hedging
20	50	Preacher's Hill	Cut area of California brome repeatedly to stop it flowering
21	1	Lime Avenue	Cut back epicormic growth at base of limes along avenue length
22	1	Vale of Health toilets area	Divert runoff along cycle path to limit erosion during heavy rain
23	38, 39	Hampstead No.1 pond	Continue establishing marginal plants along east bank and cut back overhanging trees in the north/north-west edge to improve marginal vegetation.

24	Access	Hampstead No 2 Pond	Address tree root trip hazards on paths
24	36	Hampstead No 2 Pond	Replace bird island.
25	6	Mixed Pond meadow	Cut grassland regularly, to keep back bramble encroachment
25	H6	Mixed Pond meadow	Prune oaks to retain view of Christchurch steeple

Parliament Hill and Kenwood

Map ref.	Policy nos.	Location	Description of work
26	Access	Meadow near the Dump / back of Parliament Hill	Remove fence round wild flower area in summer.
27	6	Second Hedge	Cut back western half of bramble fringe by meadow at western end, south side, by half its width
28	32	Tumulus Field	Allow regeneration or transplant 3-4 oak saplings to former hedge line across Tumulus Field, in line with existing trees, & protect.
28	9	Tumulus Field	Create 2 new perennial wild flower meadows: 0.08ha near top of cycle track (RSPB HLF project) and 0.25ha near top north-west corner (CBT project). Fence temporarily. Remove fence late summer assuming adequate vegetation establishment
28	6	Tumulus field	Remove all but 3 selected tree saplings from around dead oak to allow for their regeneration.
29	32	Tumulus Field pond	Manage thistle if necessary July and August. Remove any not native aquatics
30	29	Third Hedge	Lay another very short section along southern side of hedge.
30	46	Third Hedge	Cut bramble on southern side of hedge to protect pignut
30	6	Third Hedge	Cut back current year's extension of bramble on southern side of hedge
31	25	Small Tumulus Field	Prepare a compartment management work plan
31	50	Small Tumulus Field	Cut area of hogweed near main path before seeding
31	50, Access	Small Tumulus Field	Cut central triangle, where ragwort has become dominant
31	6	Small Tumulus Field	Cut back bramble, western edge

31	6	Small Tumulus Field	Create a gap between large shrub patch and Third Hedge to prevent them merging
31	4, 16	Small Tumulus Field	Cut top half of rough area in upper, south, corner of field
32	4, 6, 7	Sparrows site	Manage Sparrows site as wildflower meadow: possibly cut in July to control thistle, otherwise cut in August
33	4, 6, 7	Southern side, Parliament Hill	Control remaining oak seedlings above Sparrows site
34	50	Southern side, Parliament Hill	Experiment with methods of controlling creeping thistle, for example by cutting several times during the growing season
35	6	Parliament Hill, near Dump	Mow close to fallen tree to prevent brambles growing up
36	9	Parliament Hill near bandstand	Sow perennial wild flowers following gas works, approx. 0.12ha, and fence temporarily. Remove fence late summer assuming adequate vegetation establishment.
37	16	Parliament Hill scrub thickets	Lay one scrub island
38	50	Nassington Road Entrance	Control patch of Japanese knotweed north of entrance
39	E1	Heath Life Education Centre	Manage wildlife garden for ecology & education. Lay or reduce hedges around pond.
40	Access	Secret Garden	Cut down bramble at the rear of the site
40	E1	Secret Garden	On-going maintenance work
41	9	Grassland west of Secret Garden entrance	Re-sow a strip of cornflower annuals along edge away from path. Make boundary more sinuous than in 2012.
42	30	First Hedge	Lay eastern section
43	Access	Highgate no 1 and Men's ponds	Maintain windows onto ponds at trig points
44	H6, 1, 39	Highgate no 1 pond	Maintain open view and prevent shading of marginals by coppicing willows
44	36	Highgate No.1 pond	Trial methods of reducing up to 25% of aquatic vegetation. Review this requirement with reference to any potential dams work.
45		Boating pond	Repair and maintain fence surrounding reedbeds
45	42, 45	Boating pond	Maintain floating reedbeds/islands and aerators
46	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.
46	7	South Meadow	North of stream, cut $\frac{1}{3}$ grassland (see management plan), leaving refuges
46	50	South Meadow	Remove oak seedlings from grassland
46	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.
46	46	South Meadow	Release scaly male fern from brambles

46	50	South Meadow	Pull or cut small balsam in Kenwood SSSI strip before it flowers
46	50	South Meadow	Remove laurel & sycamore saplings & seedlings
46	Access	South Meadow	Strim bramble from paths if required to maintain access
46	Access	South Meadow	Try to reduce erosion on S side of wooden bridge over stream by placing brush & logs over area
46	Access	South Meadow	Maintain area in front of Chubb shelter
46	27	South Meadow	Pollard taller of 2 ash saplings in glade on S edge & remove smaller nearby ash, with long-term aim of creating veteran tree
46	6	South Meadow	Fell one small sycamore tree
46	6, 19	South Meadow	Cut back encroachment of grey sallow in N grassland; coppice remaining grey sallow
46	26	South Meadow	Carry out programme of arboricultural etc. work to maintain veteran trees
46	50	South Meadow	Remove invasive Michaelmas daisy in glade
46	Access	South Meadow	Reinstate sign in Chubb shelter
46	H6, access	South Meadow	Move benches to Becky; Charles & Ken; Max Sondheimer; Susi Holzer; & Herman Bap to edge of woodland or glade
46	H6	South Meadow	Remove or high pollard 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 and maintain trees at this height
46	Access	South Meadow	Cut a path through bramble below selected fine oak trees to allow access to see trunks
47	Access	Chubb shelter	Clear any scrub obscuring shelter as necessary
48	47	Stream culvert crossing by bird feeders	Cut round where cuckoo flower grows
49	Infrastructure maintenance	Kenwood nursery	Prune ivy, honeysuckle & buddleia growing along & on top of Hampstead Lane wall as necessary
50	19	Orchard	Continue to coppice area of hazel/ash on a 7 year rotation. Plant additional hazel to fill gaps. Section 2 in 2013. Do section 1 also if not completed in 2012.
50	16	Orchard	Coppice more ash/hazel from section 6 as more required in order to plant fruit trees
50	Access	Orchard	Cut hedges, cut back nettles and other vegetation from path.
50	16	Orchard	Clear around recently planted hazels
50	16	Orchard	Remove one large sycamore
50	16	Orchard	Raise crowns of selected beeches, especially near footpaths
50	16	Orchard	Plant 2-4 pear and 2-4 apple trees into section 6. London and Middlesex varieties
51	47, 50	New Cohen's Field ponds	Monitor for invasive species and remove as necessary
51	36	New Cohen's Field ponds	Dig out dry reedy pond with digger

51	46, 50, visual access	New Cohen's Field ponds	Stop shrubs & climbers growing higher than fence
51	36	New Cohen's Field ponds	Autumn or late winter cut to pond edges to maintain a grassy fringe.
52	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
52	H6	Upper (western) Cohen's Field	Plant black poplars along eastern boundary of field where screening of Athlone House is required
52	6	Upper (western) Cohen's Field	Remove patch of field maple saplings at north-east corner of field, near entrance from The Orchard
52	Access	Upper (western) Cohen's Field	Maintain ditch to upper new pond to retain nearby crossing point
52	50	Upper (western) Cohen's Fields	Control Japanese knotweed re-growth above Goodison fountain hedge line
53	46	Lower (east) Cohen's Field	Remove sapling oaks from bramble fringe adjacent to Harry's hedgerow.
53	30	Lower (east) Cohen's Field	Thicken understory along Stock Pond path beside Lower Cohen's field by laying shrubs
53	6	Lower (east) Cohen's Field	Cut back bramble island developing under isolated trees to tree canopy & remove any tree & shrub regeneration within these bramble islands.
53	6	Lower (east) Cohen's Field	Grub out sapling trees from western fringe.
53	6	Lower (east) Cohen's Field	Cut back brambles which have encroached on eastern edge half way to streamline
54	46, 50	Harry's compartment - Model Farm	Eradicate knotweed and balsam. Also cut back fringe vegetation and saplings to maintain some open ground
55	7, 46	Harry's compartment: top meadow	Continue to manage as open grassland by cutting initially in spring and autumn.
56	7	Harry's compartment: Middle section	Maintain as rough meadow through autumn cut
57	7	Pipeline Triangle	Early summer cut to Triangle to reduce coarse grass vigour & encourage later-flowering knapweed & bedstraw
58	1 & others	Athlone House acquisition	Management according to detailed management plan
59	19	Cohen's Wood	Thin oaks selectively and use timber for projects around the Heath
60	16	Allotment fringe	Remove sycamores from area next to the lower allotment fence line to free up native oak
61	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.
62	36	Stream line from Cohen's Wood to Ladies pond	Ensure corrugated stream cover is removed by the contractor.
63	1, 36 & others	Ecofield	On-going maintenance including planting, pruning, weeding & mowing
63	36	Ecofield	Restoration of pond
63	29	Ecofield	Cut Leylandii hedge
63	46	Ecofield	Plant sunflowers for bees

63	1	Ecofield	Develop management plan for area
63	9	Ecofield	Develop wildflower area
64	6	Ladies Pond meadow	Prune tips of isolated ash sapling back 1m to retain as bird perch but not let grow into tree
64	6	Ladies Pond meadow	Cut back periphery of isolated bramble patch 1m and whole of newly-developing bramble patch nearby further north
64	47, 50	Ladies Pond meadow	Monitor and possibly remove thistle & ragwort round damp area
64	6	Ladies Pond meadow	Cut back bramble patch developing along tarmac path and southern streamline during winter & repeat cut 3 times during growing season
64	4	Ladies Pond meadow	Reduce erosion caused by paths by cutting alternative desire lines adjacent to existing path in summer
65	47	Stock Pond meadow	Monitor extent of bracken and rush
65	47	Stock Pond meadow	Cut back bramble and bracken along Kenwood edge by 3m before mid-March, then cut re-growth 3-4 times
65	47	Stock Pond meadow	Cut patches of invading rush in cold weather to reduce vigour, leaving main patch beside path
65	6	Stock Pond meadow	Remove saplings growing near rushes and oval sedge
66	1	Ladies Pond enclosure	Carry out wildflower meadow improvements, cyclical coppicing and pollarding
66	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
66	36	Ladies pond enclosure	Enhance wetland through creation of pools at the northern marsh area of pond
67	Access	Stock Pond	Lift trees on causeway side to improve viewing
67	36	Stock Pond	Continue to selectively thin & lift bankside trees to increase light levels & reduce leaf litter
67	46	Stock Pond	Clear round wild service tree saplings
67	36	Stock Pond	Cut back scrub encroaching onto northern marsh area. Cut back to dead hedge.
68	50	Bird Sanctuary	Control Himalayan balsam & giant hogweed
68	47	Bird Sanctuary	Weekly clean & fill bird feeder
68	Access	Bird Sanctuary	Trim small hedge in front of bird feeder to maintain visibility
68	39	Bird Sanctuary	Coppice 10% of willows & alder along eastern edge. Avoid working near kingfisher nesting bank
68	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
68	36	Bird Sanctuary	Continue to expand wet meadow E of pond through selective coppicing of trees and scrub encroachment
68	H6	Bird Sanctuary	Coppice alder & dogwood S end of pond to maintain view points
68	19	Bird Sanctuary	Coppice hazel area E of pond on 7 year rotation. Remove competing elm scrub.

68	36	Bird Sanctuary	Create large pool/channel N side of pond to increase wetness & habitat for reedbed
68	39	Bird Sanctuary	Remove selected trees and shrubs near reedbed
68	36	Bird Sanctuary	Create new area of reedbed in section 4. Review this requirement with regards to any potential dams works.
68	36	Bird Sanctuary	Dig more pools in western meadow to prevent drying out
68	36	Bird Sanctuary	Continue to increase reedbed through selective felling of birch & willow along NW edge of pond
68	6	Bird Sanctuary	Cut eastern dry area to prevent scrub encroachment in autumn/early winter
68	36	Bird Sanctuary	Cut eastern wet meadow late winter
68	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.
68	6	Bird Sanctuary	Cut rough meadow to the north of the reedbed late winter/early spring.
68	6	Bird Sanctuary	Late cut and early summer cut to grass area surrounding bird feeders to maintain as grassland
68	H6	Bird Sanctuary	Consider opening up viewing window again from corner nearest Millfield toilets
68	36	Bird Sanctuary	Remove birch trees which have fallen into water from western edge
68	Access	Bird Sanctuary	Open up 1-2 new sightlines from western section towards reeds.

Hampstead Heath Extension

Map ref.	Policy nos.	Location	Description of work
69	Access	Heath Extension, path edges	Rough cut throughout growing season
70	7	Heath Extension meadows	Late cut to meadows in general
70	6, 50	Heath Extension meadows	Removal of thistles, ragwort and seedling trees
70	20	Heath Extension meadows	Development of scalloped edges between mown and long grass
70	4, 20	Heath Extension meadows	Reduction in the amount of bramble & some thistle where prolific on edges
71	6	Meadow above changing rooms	Hand grub tree seedlings and saplings

71	6	Meadow above changing rooms	Cut back bramble 2m if expanding into meadow
71	9	Meadow above changing rooms	Cut back raspberry to try and control it. Prevent it spreading into the grassland.
72	6, 7	Ikin's Corner meadow	Clear scrub and bramble to protect broad-leaved helleborine, then maintain
72	6, 8	Ikin's Corner meadow	Cut grassland every 2 years - next cut 2013
72	6, 9	Ikin's Corner meadow	Cut bramble growing either side of hedge running down to ponds, including twice in growing season
73	7	New hockey pitch	Top 50% thistle along hedgerow on west of grassland
73	7	New hockey pitch	Maintain scalloped edge to bramble & close-mown grass
74	7	Meadow west of children's play area	Top 80% thistle along east hedge
75	6	Meadow Lower & Upper Wield Field (formerly Meadow 308)	Reduce peripheral bramble. Target encroachment along north edge & remove seedling tree encroachment into meadow.
76	Access	Meadow Lower & Upper Wield Field (formerly Meadow 308)	Maintain horse ride and reinstate signposting
77	50	Meadow at North Point (far NE corner of Extension)	Hand pull or cut 80% thistle
77	7	Meadow at North Point (far NE corner of Extension)	Late annual cut leaving refuges
77	20	Meadow at North Point (far NE corner of Extension)	Develop scalloped edge between mown & uncut grass
78	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
79	29	Meadow at North Point (far NE corner of Extension)	Cut hawthorn hedge
80	4	Eastern edge of Extension	Maintain cut grass strip at base of privet hedges at rear of private gardens
81	4, 16, 18	Damp triangle	Allow to develop as rough grassland dotted with trees and shrubs, which will in future be coppiced
82	16	Copse of aspen saplings	Weed as required. Keep free of everything except aspens. Do not thin aspens.
83	20	Hedge between cricket & football pitches	Retain 4m bramble/grassland fringe to hedge, leaving some wide sections clear to give occasional access to stream
84	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

84	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
85	46	Large cricket field	Maintain native black poplar saplings at lower north corner of field
85	46	Large cricket field	Plant two more native black poplar saplings at lower north corner of field
86	16, 18	Old wood banks to east of Extension ponds	Remove holly if supressing young trees & alder stools along wood bank edge
87	H6	Near damp patch	Maintain viewing windows on both sides to give more view of stream
88	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
89	30	Extension Hedges	Lay 50m of hedgerow to North of Cricket pitches alongside stream.
90	29, 30	Extension Hedges	Lay a further section to be decided
91	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.
91	6, 16	Extension Ponds	Cut/coppice scrub & grub bramble for N, S & E edges of ponds 5&6 to maintain low scrub & wildflower area & prevent encroachment into pond. See management plan for location
91	6, 16	Extension Ponds	Cut/coppice scrub & grub bramble for N, S & E edges of pond 7 to maintain low scrub & wildflower area & prevent encroachment into pond. See management plan for location
91	H6	Extension Ponds	Maintain shrub islands by laying shrubs along N edge of pond 2 on 10 yr. cycle starting 2012 to increase bank protection & improve public viewing. Layed section may be pruned yearly if extra viewing is desired. It will however need a few years' growth before laying again. See management plan for location
91	16	Extension Ponds	Selectively coppice shrub islands on 10 yr. cycle to maintain thick vegetation. Coppice 1 island/yr. See management plan for location
91	29, 30	Extension Ponds	Lay or thicken short hedge section running from pond 1 east towards Wildwood road.
91	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, pond 4 2015, Pond 6 2018, ponds 2& 5 2020.
91	50	Extension Ponds	Remove New Zealand Pigmyweed, Crassula helmsii, from pond 5 and any other ponds where it is present
91	47	Extension Ponds	Monitor dragonflies
91	41	Extension Ponds	Remove silt from ponds 1 & 7 by dredging sediment. Engineers department

91	Access	Extension Ponds	Maintain views to ponds in small sections of east and west sides through summer coppicing of vegetation.
92	46	Path edge near to Extension No.1 pond	Ensure marsh woundwort population is protected and maintained.

West and Sandy Heaths and Judges Hollow

Map ref.	Policy nos.	Location	Description of work
93	2, 7	Flagstaff	Regular cut, but with midsummer window to allow flowering of wildflowers
93	H6	Flagstaff	Maintain view from benches towards Harrow
94	13,14	Flagstaff gorse patch	Gorse expansion in section 1. 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.
94	13, 14	Flagstaff gorse patch	Plant any open areas with gorse
94	13, 14	Flagstaff gorse patch	Follow up management of recently expanded area of gorse. Section 12- Revisit section to remove any returning scrub or bramble growth. Replant any failed gorse.
94	Access, safety	Flagstaff gorse patch	Coppice 1-2m strip of gorse from either side of main east-west track to maintain access and firebreak
95	13	Heath lands, next to Jack Straws car park	Late annual cut, leaving refuges
96	7, 9	Meadow below Pergola	Create wildflower meadow area
97	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. Increase area of heather/acid grassland by cutting back scrub
97	13, 50	Heather stand on slope by Hill garden middle gate (old section of Pergola)	Control bracken
98	46, 50	Area opposite Hill Garden main gate, adjacent to North End Way	Remove bramble & bracken encroaching on lily-of-the-valley & grassland
99	13	Inverforth Close/Hill Garden heather site	Weed and maintain heather
99	14	Inverforth Close/Hill Garden heather site	Increase area of heathland/acid grassland through selective tree and scrub removal from eastern edge

100	13	Drying Ground	Coppice or lift gorse growing over heather surrounding gorse patch. Weed & maintain heather on slopes
100	15	Drying Ground	Maintain open aspect under pines by bramble & scrub removal
100	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.
101	7	Grass Square opposite Bull & Bush public house	Late cut to grass, removing cuttings. Cut away from road edge.
101	50	Grass Square opposite Bull & Bush public house	Control knotweed
102	29	Cuttings Path	Maintain hedge and prevent encroachment
102	7	Cuttings Path	Maintain grass bank with late annual cut
102	16, 19	Cuttings Path	Maintain sightlines and open aspect along length of path
103	Access	Sandy Road	Keep grass edge mown throughout growing season
104	50	Heather adjacent to main path leading through West Heath 50m in from Dump	Control bracken on slope adjacent to area
104	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
104	14	Heather adjacent to main path leading through West Heath 50m in from Dump	Increase area of Heathland/acid grassland through selective trees and scrub removal from lower slopes of existing site. Scrape off heavy leaf mulch to allow better establishment of grass. Regularly cut every 3 weeks in summer.
105	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
105	39	Leg of Mutton Pond	Removal of tree and scrub cover-shading out marginal vegetation, particularly on north side
105	39	Leg of Mutton Pond	Remove willow and birch scrub growing in reedbed. Cut back/grub out bramble encroachment from edges
106	50	Woodland rear of garden fences (area south-west of Leg of Mutton Pond)	Monitor & control Japanese knotweed
107	16	Main body of West Heath woodland	Develop & increase deadwood habitat piles. Place timber in bramble in shade.
107	16	Main body of West Heath woodland	Maintain open glades through removal of sycamores
108	Access	West Heath roadside	Keep road edge & bollards visible by close-mowing through season
109	7	West Heath	Late cut to lower part of meadow, leaving refuges

		meadow	
110	36, 44, 46	West Heath valley mire (West Heath bog)	Remove encroaching bramble from around dwarf willow & seepage points
110	46	West Heath valley mire (West Heath bog)	Cut Juncus & Glyceria before frosts to allow improved growth of sphagnum species
110	46	West Heath valley mire (West Heath bog)	Try to expand sphagnum through pool re-creation & translocation
110	46	West Heath valley mire (West Heath bog)	Maintain low herbage through regular cutting. Monitor for development of sphagnum. Possible involvement of PhD student
110	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.
110	36	West Heath valley mire (West Heath bog)	Increase extent of boggy area through scrub removal from northern seepage point.
111	36	Whitestone Pond	Maintain pond to specification outlined by City Surveyors. Cut reedbed in early spring
112	7, 50	Flat area at top of Judges Hollow, close to flagstaff	Early cut; top thistle within grassland area
113	Access	Lower corner West Heath road/ Branch Hill junction	Maintain sightlines for traffic on lower bend.
113	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.
114	7, 13	Judges Hollow small wooded area & steep slope	Late annual cut to half slope
114	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
115	50	Judges Hollow lower section & gentle slope	Cut or pull patches of nettle among fine grasses
115	50	Judges Hollow lower section & gentle slope	Selective cut during May & July to reduce aggressive coarse grasses.
115	50	Judges Hollow lower section & gentle slope	Remove bramble & seedling trees encroaching on all open areas
116	50	Judges Hollow area of mature gorse	Remove large turkey oak and any seedling sycamores
117	7	Judges Hollow lime & chestnut avenue	Late cut of grass next to houses.
117	Access	Judges Hollow lime & chestnut avenue	Prune epicormic shoots on limes

118	Access	Path from Spaniards Green to Ikin's Corner	Cut back bramble encroachment
119	20	Sandy Road	Continue cutting 2 coupes/year along ride in 5-year rotation. Sections 1a +5a 2013. See map.
119	25	Sandy Road	Prepare compartment management work plan
119	20	Sandy Road	Scallop path edge during July
120	H1	Cooling Track	Monitor & remove tree seedlings along ditch as necessary
120	7	Cooling Track	Glade opposite Extension top locking bar: late cut at end of season
120	43	Cooling Track	Clear ditch culvert as necessary
121	50	Old Sand Pit, behind Heath House	Remove seedling sycamores
121	Access	Old Sand Pit, behind Heath House	Shape low epicormic growth from lime trees by bench
122	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
122	16	Woodland next path & horse chestnut avenue, south of end of North End	Develop deadwood habitat
123	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.
124	4, 14	All Sandy Heath ponds	Remove bramble developing in damp shaded areas & acid grassland
124	36	All Sandy Heath ponds	Remove selected emergent vegetation + sediment to prevent succession & maintain area of open water. Pond 1 in 2013
124	14	All Sandy Heath ponds	Regular cut of grass adjacent pond 4 to establish & maintain acid grassland
125	36	Main Sandy pond	Boom and net duckweed from pond No.2 surface when covering greater than 25% of pond surface
125	39	Main Sandy pond	Remove trees from centre of large Iris bed in pond No.2 to prevent shading
125	38	Main Sandy pond	Plant emergent vegetation into suitable less shaded areas on the pond margins.
126	14	Sandy Heath grassland	Review removing turkey oaks from selected areas to increase the extent of acid grassland.
127	13, 14	Pitt's Garden	Weed & maintain heather plantings. Remove pine tree seedlings & saplings. Remove willow saplings.
127	16	Pitt's Garden	Remove three pine tree to provide room for the rest to mature
127	13	Pitt's Garden	Keep bramble controlled in areas of gorse
127	Access	Pitt's Garden	Remove wooden fence surrounding the arch
127	H1	Pitt's Garden	Keep listed wall adjacent to North End clear of vegetation.

127	H1, 50	Pitt's Garden	Remove some bramble & buddleia & coppice gorse along top of crib wall bank
127	4	Pitt's Garden	Maintain margins as grassland & prevent scrub encroachment on path by fence adjoining North End Way
127	14	Pitt's Garden	Increase area of potential heathland through removal of selected shrubs and trees from northern section.
128	6	Paddock	Grub tree seedlings & bramble as necessary
128	50	Paddock	Reduce thistles
128	7	Paddock	Early spring cut to 80% of meadow, leaving refuges, & repeat cut in summer, to encourage scabious
128	46	Paddock	Plant scabious plugs around Paddock to encourage spread
129	50	Large (Summer) Meadow	Control majority of Canadian golden rod, Russian comfrey & Michaelmas daisy as required
129	50	Large (Summer) Meadow	Remove non-native tree seedling in peripheral areas of meadow
129	7	Large (Summer) Meadow	Early spring cut (around March) to allow invertebrates to overwinter in dead stems
129	6	Large (Summer) Meadow	Cut back bramble edge on south side by 3m
129	6	Large (Summer) Meadow	Continue to remove saplings coming up through gorse
130	13, 14, 15	Gorse patch	Gorse expansion in section 1. 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.
130	13	Gorse patch	Follow up management of recently expanded area of gorse. Section 12- Revisit section to remove any returning scrub or bramble growth. Replant any failed gorse.
130	13	Gorse patch	Coppice 1-2m strip of gorse from either side of main east-west track.
130	13, 14, 50	Gorse patch	Control bracken
131	16, 22	Woodland adjacent Spaniard's Road	Develop deadwood habitat
131	16, 23	Woodland adjacent Spaniard's Road	Remove cycle jumps
132	H6	North End Green: corner North End & North End Avenue	Cut bramble beneath trees to open view of Green from North End Avenue.
132	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
133	1	Woodland edge north end Bridle Cottage entrance	Maintain open aspect along Bridle Cottage wall
134	4	Hill above Wylde's Farm	Maintain 5m grass verge by cutting twice p.a.
134	H6	Hill above Wylde's Farm	Remove small holly regrowth & saplings

134	H6	Hill above Wylde Farm	Cut low bramble on bank in summer
135	Access	Wylde Farm access road	Remove any garden rubbish
135	Access	Wylde farm access road	Strim round bollards throughout season
135	Access	Wylde farm access road	Selectively thin trees growing into road
136	16	Woodland near Wylde Farm	Manage area with pines to encourage these by removing senescent larches and nearby Turkey oaks and planting new Scots pines.

Arboricultural Work Program

Veteran Trees

Policy no.	Location	Details of proposed work
NL13	Various locations within the 9 Veteran Tree Survey areas	<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"> Haloing adjacent tree canopies Felling selective encroaching trees Retrenchment pruning Dead hedging Mulching Moving paths/targets

Wild service trees

Policy no	Location	Map ref	Details of proposed work
NL4	Various Locations across the Heath	Various	<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"> Haloing adjacent tree canopies Felling selective encroaching trees Retrenchment pruning Dead hedging Mulching Moving paths/targets Planting saplings in identified locations

Unprogrammed and routine tasks

Policy no.	Location	Details of proposed work
NL14	Various Locations across the Heath & Queens Park	<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 & airspading</p> <p>These works produced from Arbtrack survey.</p>
	All sites within NLOS	<p>Pest and disease monitoring: Monitor for disease and pests within tree populations including AOD (Acute Oak Decline) Oak Processionary Moth & Massaria</p>

Additional Works

Policy no.	Location	Details of proposed work
HY1	Burnham Beeches	Veteran beech pollard restoration
	Haringey	Working Party – assisting neighbouring LA to carry out woodland conservation
	City Bridge Trust	Assisting with various arboricultural operations when required on CBT projects
	Hampstead Heath	Flood Management: assisting and advising on arboricultural operations on dam structures on Highgate and Hampstead chains

Formal Areas

Parliament Hill Fields

Policy nos.	Area	Description
S1,2,7	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.
S1,2,7	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.
S1,2,7	Cricket Enclosure	Pruning management of blackthorn, hawthorn, rosa, buckthorn plantings along East and Southern boundary of cricket enclosure.
S1,2,7	Bowling Green	Liaise with licensee of the Bowling Green and offer advice and support throughout the year.
S1,2,7	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.
S1,2,7,8	Grass Sports Areas: 2 soccer pitches / 2 rugby training grids / 6 schools training grids / 1 soft ball area / 3 rounder areas / 4 mini soccer training grids	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.
S1,2,7,8	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 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
S1,2,7	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.
S1,2,7	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

Policy nos.	Area	Description
		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 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. Daily collection of litter, debris and dog faeces. During Spring & Summers term times place temporary bins on Dukes Filed & Stone for Free Speech.
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	Yearly cut and collection of designated areas on a three yearly cycle. All cut grass to be 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	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 (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, Petanque 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 and re-stain or re-paint benches and remove graffiti and bird droppings.
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 wooded edging boards repaired as necessary.
P1	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. Assist the Hampstead Heath Constabulary with emergency situation, for example lost children.
	Christmas Tree	Erection 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 filming events on the Heath to ensure that there is no long-term damage to the landscape and minimise disruption to local communities.
B14	Parliament Hill Projects Ball Path Gateway	<ul style="list-style-type: none"> Lodge Garden, Highgate Road – removal of ornamental planting along fence line and replace with a mixed native

Policy nos.	Area	Description
NL6	Football Changing Rooms	<p>hedge.</p> <ul style="list-style-type: none"> Lodge Garden, Highgate Road – replenish crocus bulbs to front lawn Ball Path – remove metal fence line and non- native shrub plantings. Mature trees will be left insitu. Screen off Parliament Hill School and establish nature grass vegetation. Inform Parliament Hill School and customers of intended works. Re-plant shrub beds at football changing room after RBPB works are complete – plantings to be native species.
NL6	Bowling Green	<ul style="list-style-type: none"> Bowling Green Hawthorn Hedge – reduce height of hedge by .8m to improve hedge vigour; air circulation around green and reduce the events of persons working at height
NL6	Highgate Road Boundary Hawthorn Hedge	<ul style="list-style-type: none"> Review long term management of boundary hedge on Highgate Road
NL6	Tennis Courts 5-10	<ul style="list-style-type: none"> Plant natural hedge whips around tennis court. Root barrier to be installed to protect the courts.

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

Policy nos.	Area	Description
S1,2,7	Heath Extension 2 Cricket Squares and Outfield	<p>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.</p>
S1,2,7	Heath Extension 2 Cricket Squares and Outfield	<p>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.</p> <p>Erect post and chain fence during off season.</p>
S1,2,7	Heath Extension Grass Sports Areas: 3 football pitches / 2 rugby pitches / Hockey Pitch / 1 school running track	<p>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.</p> <p>Maintain and foster close working relationships with sports and leisure administration officer, and encourage usage of the facilities with sports clubs and neighbouring schools.</p> <p>One rugby pitch has been temporary re-located during National Grid works for one season</p>

Policy nos.	Area	Description
S1,2,7	Heath Extension 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.
S1,2,7	Heath Extension 6 Changing Rooms 2 Officials Rooms	Provide clean, well-maintained facilities to schools and sports clubs all year round. Facilities to be cleaned on a daily basis.
S1,2,7	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 / Heath Extension x 1	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 and gardening staff during opening hours. Staff will interface with the public and hand out information, answer enquires and monitor bye-laws as necessary. Assist the Hampstead Heath Constabulary with emergency situation, for example lost children.
S1,2,7	Golders Hill Park 2 Grass Tennis Courts 2 Croquet Squares 1 Putting Green 2 Golf Practice Nets	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 individual courts.
S1,2,7	Golders Hill Park 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.
S1,2,7	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	Golders Hill Park / Heath Extension / 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 / Heath Extension / Hill Garden, Pergola, Kitchen Garden /	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

Policy nos.	Area	Description
	Keats House Shrub Bed Management	branches. Hand irrigation if necessary. Priority will be given to non-chemical control methods.
NL6	Golders Hill Park / Heath Extension / 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.
E1,3 P1	Golders Hill Park / Heath Extension 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.
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.
E1,3 P1, 10	Golders Hill Park Zoo	Maintain all livestock and enclosures within the zoo to the animal welfare and husbandry standards as required by the Zoo license. Monitor and maintain all enclosures and housing infrastructure 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 bi-annual zoo ethics meetings. 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 Promote the zoo to members of the public through advertised feeds, talks, donkey walks and animal adoption scheme. 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
E1,3 P1	Golders Hill Park Butterfly House	Full access to the Butterfly House will be available to the public during opening hours. Friday 31 March 2013 to Sunday 8 September 2013, 2-4pm every day. Saturday 14 September 2013 to Sunday 27 October 2012, 2-4pm, Saturday and Sunday only. 28 October 2013 to April 2014 - CLOSED FOR WINTER PERIOD. The facility will be maintained in accordance with good husbandry practice.
B8	Golders Hill Park / Heath Extension / Pergola 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.

Policy nos.	Area	Description
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	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.
	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 Ditch Management	Maintain ditches and water courses. Grid clearance to be carried out during inclement weather. 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	Golders Hill Park Ponds and Streams	Quarterly maintenance of pond pumps and filters. Daily inspection of overflows and safety equipment.
D1	Golders Hill Park - Projects Sustainable Planting	Design, plant and maintain with permanent and semi-permanent plants in flower beds and herbaceous borders in the Walled Garden over a 2 year period.
P1, 10	Zoo	Continual addition to the stock in accordance with the animal collection plan. Stag introduction is a priority
P1	Children's Play Area	Install second shading canopy and research new additional play equipment.
D1	Hill Garden	Re-plant shrub borders following phase five wall repairs.
D1	Keats House	Additional planting to Keats House – subject to monies being available.
NL4, NL9	Create a stumpry	Following research works at Highgrove House, install a stumpry in wooded walk area, next to Lily Pond.
NL5	Lily Pond	Plant native Water-Lily (Nuphar lutea and Nymphaea alba) and monitor their establishment.
NL11	Fossil Fuel Day	Manage the operation of Golders Hill Park 2 days per year where no fossil fuel is to be used (excluding heating).
NL6	Boundary Fence in Orchard	Plant native mixed hedge with whips.