



GAS COMPOUND
To be retained until cessation of electricity generation from landfill gas as per planning permission ref. SUT/APF/616/65-CM.

LEGEND			
	Planning Application Boundary		Agricultural Grassland / Rotational Crops
	Ownership Boundary		Lowland Meadow
	Overhead Powerline and Pylons		Rough Grassland / Woodland Margins
	Post Settlement Contours (2m intervals)		Woodland Outside of Site Boundary
	Public Right of Way		Oak Woodland & Shrub Planting
	Millenium Common, not Managed by WRG		Wet Woodland Planting
	Hedgerow Outside of Site Boundary		Low Mound
	Hedgerow Planting		Fence Line
	Native Reed Planting		Mud Bank
	Body of Water		
	Surface Water Management Scheme		
	Industrial Use		

Typical Annual Maintenance Programme												
Description	Qty	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Maintenance to young trees and shrubs grass cut as required.	4.50	ha										
1st visit												
2nd visit												
3rd visit as requested												
Maintenance to Older Grassland	68.00	ha										
1st visit apply herbicide around infrastructure only												
2nd visit apply herbicide around infrastructure only												
Maintenance to Young Grassland	70.00	ha										
1st visit apply herbicide around infrastructure												
2nd visit apply herbicide around infrastructure and cut grass												
Cycle Track Maintenance	1819	m										
Mow 4 x per year im side of track												
Footpath Maintenance	934	m										
2 visits per annum May and July cutting grass (2m wide strip)												
Maintenance to Railway Sidings	7.40	ha										
1st visit herbicide application												
2nd visit herbicide application												
Control of Ragwort	item											
1st visit												
2nd visit												
Maintenance to Site Access Roads: verges, car park area and around offices	item											
to include litter pick, cutting verges, cutting overhanging vegetation and hedges												
Maintenance to Corridor Road	1900	m										
Mow a 3m strip adjacent to both sides of road												
Hedgerow Maintenance	1563	m										
1st visit												
2nd visit												
3rd visit as requested												
Perimeter Borehole Access	item											
Access to perimeter boreholes to be maintained throughout contract												
Seeding												
Cultivate and seed as specified												
Tree Planting												
Plant as per specification												

Final Restoration Seeding and Planting Specification

Final Restoration: Seeding
After 5 years and not later than 6 years the final layer of soil will be imported. 0.25m of topsoil or topsoil forming material will be imported to make up the final restoration levels for grassland or agricultural areas. For areas of tree-planting or hedgerows, this will be increased to form a restoration profile of 1.5m across the planting area.

Seeding Specification for Lowland Meadow
Areas for lowland Meadow establishment will be seeded with the following: British Seed Houses seed mix: RE1 for heavy clay soils (or equivalent) at a rate of 3g/m2.

Seeding Specification for Wetland Areas
Lake banks, ditch sides and wetland areas will be seeded with the following: British Seed Houses seed mix: WFG9 for Wetland (or equivalent) at a rate of 3g/m2.

Seeding Specification for Rough Grassland and Tree Planted Areas
Areas of rough grassland and for woodland planting will be seeded with the following: British Seed Houses seed mix: A4 Low Maintenance mix (or equivalent) at a rate of 25g/m2 with recommended pre-seed fertilizer.

Seeding Specification for Agricultural Grassland
Areas of agricultural restoration to grassland will be seeding with the following: British Seed Houses seed mix: A16 for Reclamation land (or equivalent) at a rate of 25g/m2 with recommended pre-seed fertilizer.

Final Restoration: Other Agricultural Crops
Areas for Lowland Meadow will be seeded with lowland meadow mix as above. Areas for Agricultural Restoration may undergo several different options for agricultural restoration of these areas as may become appropriate in the future. Crops may include grassland, forage or other annual rotations. Forage crops will be spring sown leaving the fields fallow over winter. Ploughing will take place during the autumn on areas of forage.

Native Planting Specification for Shrubs around the Composting Area			
Botanical Name	Common Name	Size cm	% Mix
Crataegus monogyna	Hawthorn	45-60	30
Prunus spinosa	Blackthorn	45-60	25
Acer campestre	Field Maple	45-60	10
Corylus avellana	Hazel	45-60	10
Cornus sanguinea	Dogwood	45-60	5
Viburnum opulus	Gelder Rose	45-60	5
Rhamnus catharticus	Buckthorn	45-60	10
Salix caprea	Goat Willow	45-60	5

Shrubs at 2m X 2m centres (2500 plants per ha). Shrubs to be planted in same species groups of 9-13 plants. To be pit planted with soil conditioner as required in curves with no straight lines. All plants in 0.75m shrub shelters.

Hedge Planting Specification			
Botanical Name	Common Name	Size cm	% Mix
Crataegus monogyna	Hawthorn	45-60	55
Prunus spinosa	Blackthorn	45-60	20
Corylus avellana	Hazel	45-60	10
Viburnum opulus	Gelder Rose	45-60	7
Cornus sanguinea	Dogwood	45-60	8

Hedge to be planted as a double staggered row with 5 plants per metre spaced at 0.35m along rows and 0.4m between rows. All hedge plants in spiral guards with hedgerow trees in 0.75 m tree shelters. Hedgerow plants in same species groups of 7-9 plants. Hedgerow trees at a minimum of 8m spacing. Hedge to be planted in a prepared trench with soil conditioner as required.

Final Restoration: Woodland Planting
After 5 years and not later than 6 years the final layer of soil will be imported. For areas of tree-planting or hedgerows, topsoil or soil forming material e.g. compost will be placed to form a restoration profile of 1.5m across the planting area.

Oak Woodland & Shrub Planting			
Botanical Name	Common Name	Size cm	% Mix
Quercus robur	English Oak	45-60	30
Betula pendula	Birch	45-60	15
Acer campestre	Field Maple	45-60	15
Ilex aquifolium	Holly	2L pot	5
Corylus avellana	Hazel	45-60	10
Crataegus monogyna	Hawthorn	45-60	10
Prunus spinosa	Blackthorn	45-60	5
Cornus sanguinea	Dogwood	45-60	5
Viburnum opulus	Gelder Rose	45-60	5

Native Tree Planting Specification for Wet Woodland			
Botanical Name	Common Name	Size cm	% Mix
Alnus glutinosa	Common Alder	45-60	20
Salix caprea	Goat Willow	45-60	10
Salix fragilis	Crack Willow	45-60	15
Acer campestre	Field Maple	45-60	15
Ilex aquifolium	Holly	45-60	10
Crataegus monogyna	Hawthorn	45-60	5
Prunus spinosa	Blackthorn	45-60	5
Cornus sanguinea	Dogwood	45-60	5
Viburnum opulus	Gelder Rose	45-60	5
Corylus avellana	Hazel	45-60	10

Trees and shrubs at 2m X 2m centres with shrubs to perimeter of planting areas (2500 plants per ha). Trees and shrubs to be planted in same species groups of 9-13 plants. To be pit planted with soil conditioner as required in curves with no straight lines. All plants in 0.75m tree shelters. Holly in 0.60m shrub shelters.

NOTES:
Surface water drains / channels will be culverted under Public Rights of Way and Access Tracks.

First choice of plants/seed should be of English provenances, preferably growing in the same region of provenance as the planting site. Plants are therefore to be taken from a range of provenances in and around Region 405, as detailed in Forestry Commission Practice Note 8.

Native reed and rush beds as scheduled on dwg. LE12535-003 Balancing Pond, with further details on retained trees to be copied and managed.

REVISIONS				
No	Description	By	Chk'd	Date
F	Phase 3 Restoration and SE Balancing Pond changed, refer to dwg LE12535-002 and -003.	YMK	DL	04.02.15
E	Wet woodland mix altered.	CMC	MP	27.11.12
D	12 acre area changed to lowland meadow.	CMC	MP	27.11.12
C	Complete full site amenity.	CMC	MP	23.10.12
B	Planning boundary updated east of 60m to follow field boundary. Amenity pond added.	CMC	MP	04.07.12
A	Updated with planning boundary taken from Greenways plan S553g/38a.	CMC	MP	28.05.12
A	Drawing updated in-house.	CMC	MP	27.03.12

Files Used:
Information taken from survey LBS model 427V2008 & also CE-RP-0376-DW1B-FINAL by Oxfordshire Environmental dated December 2011 and planning application boundary from Greenways S553g/38a.
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OXFORDSHIRE COUNTY COUNCIL

APPROVED

DATE: 03/08/2015
APPLICATION No: P15/V0530/CM (MW.0039/15)

FCC Environment
FCC Environment (UK) Limited
3 Sidings Court, White Rose Way, Doncaster, DN4 8NU

SUTTON COURTENAY LANDFILL SITE

Drawing Title:

Detailed Restoration Master Plan

Drawn By:	Checked By:	Date:	Scale:	Paper Size:
CMC	MP	6 April 2011	1:5000	A1
Status:	Revision:	Plan Number:	Drawing No:	
FINAL	F	PLAN 7	427R220F	