

Central Berkshire Waste PFI Project EPC Contract



MONTHLY PROGRESS REPORT

Report No. 4 – Progress to 30 April 2007

Client:



C O N T E N T S

	SUMMARY	3
1	HEALTH SAFETY AND ENVIRONMENTAL	3
2	DESIGN	3
	2.1 <i>Smallmead</i>	
	2.2 <i>Longshot</i>	
3	CONSTRUCTION, PROCUREMENT - COMMISSIONING AND OPERATION	4
	3.1 <i>Construction</i>	
	3.2 <i>Matters Materially Affecting the Works</i>	
	3.2 <i>Procurement</i>	
	3.4 <i>Commissioning and Operation</i>	
4	COMMERCIAL	6
5	QUALITY ASSURANCE	6
6	OUTSTANDING ISSUES/ACTIONS	6
7	KEY ACTIVITIES IN FORTHCOMING PERIOD	6
8	THIRD PARTY / PUBLIC INTERFACES / COMMUNITY LIAISON	7

Attachments

- Milestone application forecast

- Project programme

SUMMARY

Overall progress has been maintained and the piling works for Phase one are now complete.

Civil works to the building envelope is currently on programme and due to be complete up to Grid line 8, to enable Structural Steel to proceed, in early June as the target programme.

Floor slab works are to proceed in May in the area of grid lines 4- 8

Access has been agreed and area taken on site to grid line 16 to which piling is complete to.

1 HEALTH SAFETY & ENVIRONMENTAL

There have been no reportable accidents in the period.

ACCIDENT and INCIDENT RECORD	In Period	To date
Reportable	0	0
Non reportable	0	0
Near Misses	5	28

Total Site Man Hours to date without a Lost Time Accident (LTA) = **18963**

Testing of the discharge point and upstream/down stream testing has been implemented by the JV and it being carried out by German Consulting, all test results are positive as anticipated to date.

1 DESIGN

2.1 Smallmead

This period has seen the continued development of the site drainage works, methane protection system, reinforced concrete works and structural steelwork design. Electrical and Mechanical works have also continued.

Overall progress is summarised below:

- Design of the site access works and entrance continue to be developed. Details will be submitted to the planning authority once complete.
- Design of the reinforced concrete works has continued with detailing of the HWRC floor slab, bulking bays and wall to gridline 13 complete. Detailing of the transfer station walls and slab nearing completion.
- An application for the proposed potable water connection has been submitted to Thames water.
- Detail design of the main structural steelwork has continued and is now largely complete. Fabrication drawings are nearing completion and will be issued to RE3 for approval early May 2007.

- Building elevations have now been updated to show louvre and fan positions and will be issued shortly to RE3 for approval.
- Enquiries have been submitted to suppliers for the fire protection system and with a view to obtaining RE3 approval for chosen supplier by the end of May 2007.
- A composite services drawing has been prepared showing the provisional layout of services required on site.

MRF – Preliminary design

Following the initial review meeting held on site with RE3, a formal review of the basic design information submitted by OKLM has been carried out. Further development is now taking place to incorporate comments raised, prior to commencement of the detailed design and re-issue of updated drawings. A site visit to OKLM plants in Germany has been arranged for 2-4 May 2007.

2.2 Longshot

Revised planning drawings have been prepared and submitted. Further design work is on hold until planning permission has been granted.

3 CONSTRUCTION, PROCUREMENT - COMMISSIONING AND OPERATION

3.1 Construction

Phase 1 – Main Site

Access has been agreed and provisions in place for the Existing CA to relocate bins to new areas provided by the JV to allow piling to progress to grid line 16.

Piling mat has been completed to grid line 16 and safety bund placed to segregate the existing CA from the main site.

Precast driven concrete piles have been completed for the 1st Phase of the works up to and including Grid line 16 on the 4/5/07

The pile cutting is complete with exception to the road area within the external bulking bays up to grid line 8. Cutting is to continue up to grid line 13/16 from Monday 14th.

Thickener bases and walls will be complete on grid line 14 by Wednesday 9th May, Grid line 8 thickener bases have commenced and walls are due to commence early next week.

Reinforcement has commenced along grid line A to the thickener bases/floor slab between grid line 4- 8.

Membrane works are being progressed in sequence with Structural works on programme.

The programme summary for the site element of the works is as follows:

	Percent complete	Days remaining
Site Clearance/ Vegetation Strip	100%	0
Drain pond	100 %	0
Remove pond silt/Compact fill	100 %	0
Bulk Earthworks	100 %	0
Form Piling Carpet	100%	0
Sheet Piling Works	100%	0
Attenuation Drainage Pipes	32%	40
Pre-cast Driven Piles	100 %	0
Pile cutting	39%	21(ph 1)
Methane Venting Protection	40%	20(ph 1)
GL 4 Insitu Concrete Works	69.26%	13
GL 8 Insitu Concrete works	36.36%	16

The re-sequencing of activities following piling has been carried out and relieved elements on the theory of constraints programme activities can be sequenced with more practicable time lags.

3.2 Matters materially affecting the Works

Nothing to report in the period

3.3 Procurement

The following subcontractors have been appointed (works value below £250,000)

Sheet Piling - Stent
 Fencing works- Bentley Fencing
 Gas Membrane Works – Prestige Air
 Pile Cropping Works - Conder Projects
 Lightning Protection – Protectis
 Mega doors – Crawford doors

The following subcontractors have been appointed and approved (works value over £250,000)

Bulk Earthworks - Killoughery
 Pre- cast Concrete Piling – Stent
 Structural Steel – SCWS
 Civil Concrete works- Scanmoor construction

The following enquiries have been sent out and in the process of being finalised:

Cladding Package – Weatherwise have been selected as the potential subcontractor and account details have been sent forward to RE3 for approval

Final proposals have been obtained from the REC supplier (Scottish and Southern) and an order for the works power supply (a provisional sum in the EPC Contract) raised so that the power supply can be made available by July 2007.

Scanmoors subcontract for the civils works has been terminated and Brenco Construction have now been appointed in their place to continue the civil element of the works, details of accounts and profile are to be submitted to RE3 as soon as possible.

3.4 **Commissioning and Operation**

Nothing to report in the period

4 **COMMERCIAL**

All interim payments received.

5 **QUALITY ASSURANCE**

The Quality project plan is now fully operational and quality files have been generated for the Sheet piling/Pre- cast piling, Drainage, Concrete insitu works and Structural Steel.

These are working documents and will be updated in line with progress and are available in the site office for inspection by all parties.

On completion of the Cladding appointment and the issue of Structural Steel drawings for approval from SCWS, an internal workshop with all relevant parties including the door supplier will be carried out to review the design and build ability prior to submission to the Client for approval.

OUTSTANDING ISSUES AND ACTIONS

Nothing to report

6 **KEY ACTIVITIES IN FORTHCOMING PERIOD**

Pile cropping and stone preparation to externals and bulking bays progressing into the area of grid lines 9 – 16.

Gas membrane protection works between the areas of grid lines 4-8 and continuing with works in externals and bulking bays, also replacement of cap in line with agreed method between the JV and CEMEX

Civil concrete works up the grid line 8 from grid line 2 including commencement of the concrete floor slab, this is also inclusive of grid lines A & L pushwalls and pilasters to take structural frame.

7 THIRD PARTY / PUBLIC INTERFACES / COMMUNITY LIAISON

Details of the final electricity power supply arrangements have been progressed with Scottish and Southern, and an order for the works permanent power supply has been placed in the period.

Consultation with Thames Water has commenced with regards to the connection of the foul pumping main from the works (phase 2).

Cemex have visited site to review the piling progress and the JV's gas protections system to which their acceptance has been obtained.

Forecast Milestone Application dates

Smallmead

Nr	Milestone	Date
6	Piling Completion of Piling up to GL 16 (excluding Pile caps)	May 07
7	HWRC – GL8 Lower Slab Completion of toe and wall slab to grid line 8	June 07
8	Bulking Bays precast dividing wall Installation of precast units to bulking bays	July 07
9	HWRC Perimeter Wall Completion of concrete pushwall	Aug 07

Key Milestones

Longshot

Nr	Milestone	Date
3	Site Establishment	Apr 08

Summary Programme – as attached