

Central Berkshire Waste PFI Project EPC Contract



MONTHLY PROGRESS REPORT

Report No. 3 – Progress to 28 February 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	6

Attachments

- Milestone application forecast

- Project programme

SUMMARY

Overall progress has been maintained and we are ready to commence piling on 8 March 2007 (subject to confirmation that planning condition 23 has been discharged by the planning authority).

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	0	0

Total Site Man Hours to date without a Lost Time Accident (LTA) = **6722**

The drainage / discharge of the site pond have been completed.

2 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.

In the period we commenced the design of the mechanical works. Overall progress is summarised below:

- The design of the methane protection system has been finalised with drawings showing the position of the positive pressure units submitted to RE3 for comments.
- The detailed design of the foul/surface water and road drainage layouts have been finalised with construction issue drawings produced. A manhole schedule is currently being produced along with standard manholes/gulley details.
- Design of the site access works and entrance has commenced and will continue to be developed through the coming month. With details submitted to the planning authority once complete.
- Design of the reinforced concrete works has continued with detailing of the walls to gridlines 4 & 8 and the pile caps complete and the HWRC floor slab currently in progress.

- General arrangement drawings for the foundation slabs and pushwalls have continued to be developed to suit architectural details. These will be issued to RE3 for information shortly.
- Construction issue structural steelwork drawings showing roof fan and louvre positions have been developed for the superstructure of the HWRC, TLS, MRF and office buildings. These drawings have been issued for sub-contractor design, fabrication drawings will be issued to RE3 for approval prior to commencement of fabrication.
- Building elevations are currently being updated to show louvre and fan positions, this will be issued shortly to RE3 for approval.
- Mechanical design of the ventilation system has been completed with the selection of roof fans and louvers.
- The design of the dust suppression and fire protection systems has commenced.
- The power requirements for each phase of the works has continued to be reviewed with options for MCC positions during phase one currently being developed prior to submission to RE3 for comments.

MRF – Preliminary design

OKLM have now completed their basic design for the plant and issued general arrangement drawings confirming plant floor loadings, plant power requirements, plant access pits etc.

2.2 Longshot

A site visit was carried out to make an assessment of appropriate investigation methods and identify any potential problems related to rig access.

3 CONSTRUCTION, PROCUREMENT - COMMISSIONING AND OPERATION

3.1 Construction

Compound

The site office and compound are now fully operational, staff toilets have now been installed inside the transline setup.

The reception area is complete , A receptionist has been employed (Sadie Roche) and the switchboard is operational between the hours of 8:45am – 04:30 pm.

Phase 1 – Main Site

The site vegetation strip and bulk earthworks are now complete up to grid line 13 (bulk bays to 13).

The sheet piled access ramp is fully installed.

The piling carpet has been fully constructed from the bulk bays to grid line 8 and the haul road is fully constructed to give access up to the raised floor slab area to enable pre-cast piling works to commence.

The attenuation drainage pipes have been installed early under the raised ramp area, this has been carried out to mitigate any risk from a safety aspect to reduce the depth of the trenching works.

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	85 %	2
Sheet Piling Works	100%	0
Attenuation Drainage Pipes	32%	40

3.2 Matters materially affecting the Works

Pre- cast Piling works commencement has been amended to the 8th March 2007, pending Planning department and Environment Agency approval.

3.3 Procurement

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

Sheet Piling - Stent
Fencing works
Gas Membrane Works -
Pile Cropping Works.

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

Bulk Earthworks - Killoughery
Pre- cast Concrete Piling – Stent
Structural Steel – SCWS

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

Civil Concrete works- Scanmoor construction - (account details sent forward to Re3 for approval)
Cladding Package

Final proposals are being obtained from the REC supplier (Scottish and Southern) such that an order for the works power supply can be progressed.

3.4 **Commissioning and Operation**

Nothing to report in the period

4 **COMMERCIAL**

Payment application nr 3 has been made,
Payment application nr 4 – has been certified by the Independent Certifier.

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.

OUTSTANDING ISSUES AND ACTIONS

A copy of the Project Insurance manual is to be issued by Re3.

6 **KEY ACTIVITIES IN FORTHCOMING PERIOD**

Concrete piling to commence (March 2007)

Concrete to HWRC base slab to commence (March 2007)

7 **THIRD PARTY / PUBLIC INTERFACES / COMMUNITY LIAISON**

The Smallmead ground and surface water monitoring results (as required by the planning conditions) have been submitted by Re3 for approved by the Local Planning Authority.

Details of the final electricity power supply arrangements are being progressed with Scottish and Southern, and an order for the works permanent power supply will be placed by early April 07.

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

Forecast Milestone Application dates

Smallmead

Nr	Milestone	Date
5	Bulk Earthworks Completion to reduced level dig up to GL14	Mar 07
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

Key Milestones

Longshot

Nr	Milestone	Date
3	Site Establishment	Apr 08

Summary Programme – as attached