

Central Berkshire Waste PFI Project EPC Contract



MONTHLY PROGRESS REPORT

Report No. 8 – Progress to 31 July 2007

Client:



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Attachments

- Milestone application forecast

- Project programme

SUMMARY

Progress is being maintained throughout the works element with exception to the Cladding element due to delays in the material deliveries, although the roof sections of the cladding works are on critical path for releasing the works to the following trades ie Fire Suppression and M&E, the closing of the building perimeter walls is not yet critical.

We are currently reporting a penetration of 18 days into the Phase 1 Buffer, which still reports an anticipated handover of the 1st Phase 4 weeks earlier than the contract Practical completion date.

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	20	118

Total Site Man Hours to date without a Lost Time Accident (LTA) = **44995**

Testing of the discharge point (upstream/downstream) has been implemented by the JV. All test results are positive as anticipated to date.

1 DESIGN

2.1 Smallmead

This period has seen the continued development of the 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 has been revised following feedback and is currently being updated prior to issue to the planning authority.
- Design of the external reinforced concrete works has commenced with detailing of the bulking bay, fire tank and pump house slabs in progress.
- The design of the gulley waste apron has been amended to reflect additional comments received from RE3 and will be re-issued shortly.
- Piling layouts from gridline 16-19 are in the process of being finalised to enable continuation of the piling works.
- The application for the proposed potable water connection continues to be progressed with Thames water.
- Detailed design of the Phase 1 Masonry has continued with drawings issued for the bulking bays, HWRC and transfer station.

- Detailed design of the HWRC MCC room and mess facility has been completed.
- Detailed design of the fire protection system has continued with layouts for the pump house, fire tank and sprinkler layout submitted for comments.

MRF – Preliminary design

The second generation of MRF drawings have now been issued and a review meeting held. The trommel has been delivered to site and erected.

2.2 Longshot

The planning conditions are currently being reviewed prior to commencement of design.

3 CONSTRUCTION, PROCUREMENT - COMMISSIONING AND OPERATION

3.1 Construction

Phase 1 – Main Site

Clugston are preparing the stone Piling carpet to Grid line 19 and piling works are due to commence on the 13th August Grid lines 16 -19.

Pushwalls and Pilaster are now complete up to grid line 16 for the phase 1 works.

Structural Steel frame is now complete in the HWRC and the bulkbay areas, works are progressing as programmed in the transfer station area.

Concrete floor slab area within the HWRC is due to complete by the early next week and will continue into the transfer floor section.

The installation of the duct provisions for cable routing , BT and the water main to the first Phase are nearing completion by the end of this month.

Brickwork to the building envelope perimeter to grid line 13 is due to complete on week commencing the 20th ahead of programme.

The cladding of the roof section over the HWRC and Bulk Bays is now complete, walls will commence on the 6th August, transfer station section to follow completion of structural steel frame.

Connections of both BT and mains electric are due to complete by end of September /early October.

Civils works to the external slabs are to commence from the 13th August, following the remediation excavation works to the lower bulk bay areas.

The Trommel has been successfully delivered to site and the installation is due to be complete by Friday 4th August.

The programme summary for the site element of the works, progress to 30.07.07 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	72%	17
Pre-cast Driven Piles	100 %	0
Pile cutting	100%	0
Methane Venting Protection	68%	13(ph 1)
GL 4 Insitu Concrete Works	100%	0
GL 8 Insitu Concrete works	99%	1
Structural Steel GL 4-8	87%	3
Cladding HWRC roof 4-8	88%	5
GL 4 High wall to Slab	100%	0
Bulk Bay thickener base/ walls	100%	0
Bulk Bay internal Floor slab	100%	0
Bulking Bay Precast walls	95%	2
Bulking Bay Structural Steel frame	100%	0
Transfer Station Pushwalls/Pilisters	100%	0
Transfer Station Wall GL 13	97%	1
SW Roof drainage	35%	10
Pushwalls and Pilisters to GL 16	100%	0
Portable Water supply Phase 1	65%	5
BT Ducting Phase 1	30%	10
Electric Ducting Phase 1	50%	10
Brickwork Perimeter to Grid line 13	85%	6
Trommel Delivery Installation	20%	4

The penetration into the project Phase 1 buffer currently stands at 18 days.

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

Ventilation Roof Fans – Beatsons
Weighbridges – Central weighing
Bliss Brickwork - Brickwork Envelope
HWRC MCC panel – Safronics
Dust Control system – Mist- air Environmental

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- Brenco Ltd
Cladding – Weatherwise
Fire Protection & Detection – Tyco

The financial details for the Fire protection & detection subcontract (Tyco) have been submitted to Re3 for approval (accounts for FY 03 excepted).

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

Electrical installation

3.4 **Commissioning and Operation**

Nothing to report in the period

4 **COMMERCIAL**

Milestone payment number 8 has now been certified by the Independent Certifier and we are now awaiting the Contractors certification

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, Cladding and Brickwork.

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

6 **OUTSTANDING ISSUES AND ACTIONS**

Nothing to report

7 **KEY ACTIVITIES IN FORTHCOMING PERIOD**

As programmed works ongoing with Structural steel frame, Cladding works, Brickwork to building envelope and external works.

8 THIRD PARTY / PUBLIC INTERFACES / COMMUNITY LIAISON

Details of the final electricity power supply arrangements are being progressed with Scottish and Southern.

Consultation with Thames Water is ongoing with regards to the connection of the foul pumping main from the works (phase 2), and the potable water connection (phase 1).

Thames Water have now visited site and are in the process of finalising the quotation for the Potable water supply to the works. A visit to review the foul (trade) discharges has been arranged on site for 7 August 2007.

Consultation with Reading council is ongoing regarding the bridge crossing the Flood relief channel, to finalise details for service installation of potable water, foul rising main and power supplies.

Forecast Milestone Application dates

Smallmead

Nr	Milestone	Date
9	HWRC Perimeter Wall Completion of concrete pushwall	Aug 07
10	WTS Grid Line 13 pushwall Completion of concrete pushwall	Sep 07
11	MRF Piling GL 16-19 Completion of piling between GL16 and GL 19 (excluding pile caps)	Sep 07
12	MRF Floor slab GL13 – GL16 Completion of concrete floor slab to MRF building	Oct 07

Key Milestones

Longshot

Nr	Milestone	Date
3	Site Establishment	Apr 08

Summary Programme – as attached