

Central Berkshire Waste PFI Project EPC Contract



MONTHLY PROGRESS REPORT

Report No. 2 – Progress to 31 January 2007

Client:



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Attachments

- Milestone application forecast

- Project programme

SUMMARY

Following Contract award, Earth Tech Clugston have mobilised the design team, and established the site accommodation at Smallmead.

Works have commenced with general topsoil and site clearance prior to the enabling works in preparation for the concrete piling.

The works are on programme to commence concrete piling by 6 March 2007.

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

The first Health Safety & Environmental assessment was carried out on 25 January 2007, and a compliance of 94% was achieved.

The application for the temporary discharge consent, (for surface water and drainage of the pond) at Smallmead has been approved by the Environment Agency, and drainage / discharge of the site pond has commenced.

2 DESIGN

2.1 Smallmead

This period has seen the continued development of the detailed piling design and site drainage works. In the period we commenced the reinforced concrete detailing and the building structural steelwork design. Overall progress is summarised below:

- The precast concrete piling layouts have been finalised with drawings and schedules issued to RE3 for approval.
- The detailed design of the foul/surface water and road drainage layouts have been finalised with drawings and schedules issued to RE3 for approval.
- Design of the reinforced concrete works has continued with detailing of the walls to gridlines 4 & 8 and the pile caps almost complete.
- General arrangement drawings have been developed for the foundation slabs and pushwalls. These will be issued to RE3 for information shortly.

- The structural steelwork specification has been developed along with a set of outline drawings for the superstructure of the HWRC, TLS, MRF and office buildings.
- Two further proposals have been received for the gas protection system, these have been reviewed by an external consultant with a recommendation due imminently.
- A programme of design data for approval/information has been submitted to RE3.
- Work has commenced on reviewing the electrical power requirements for both phase 1 and phase 2 of the works, and the availability of power for each phase of the works is being progressed with the REC supplier (Scottish and Southern). Upon completion the initial review the power requirements can be finalised and an order for the permanent electricity supply to the Site can be raised.

MRF – Preliminary design

OKLM have commenced work on the basic design for the plant to enable confirmation of the plant floor loadings, plant power requirements, plant access pits etc.

2.2 Longshot

Detailed design work has commenced with a brief being prepared for the additional site investigation work that will be required. A site visit has also been arranged 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 compound has been fully cleared and set up in line with the phase 1 layout plan. Parking is readily available for both staff and visiting personnel. The site office set up is now complete running off temporary generated power and a mobile preminet phone and internet system.

Segregated walkways and signage have been placed along island road between the site compound and the entry onto the main site area in line we the site safety plan (planning condition 10 met).

Phase 1 – Main Site

The main site area has been fully fenced demarcating the work area and segregating the site from the existing C.A. facility and public footway running adjacent the Foudry brook.

The works being progressed on site are Site Vegetation Strip, Construction of Temp Haul road, Bulk Earthworks, Water Discharge, Sheet Piling and the temporary cut of Drain to the site perimeter.

The following below activities being progressed to date approximate percentage complete and days remaining:

	Percent complete	Days remaining
Site Clearance/ Vegetation Strip	100%	0
Drain pond	90%	1
Remove pond silt/Compact fill	35%	5
Bulk Earthworks	55%	10
Form Piling Carpet	0%	15
Sheet Piling Works	62%	3

3.2 Matters materially affecting the Works

Baseline testing of the groundwater has commenced as is on programme to enable concrete piling works to commence.

3.3 Procurement

Details for subcontract approval for the Bulk Earthworks subcontractor (Killoughrey), and the concrete piling subcontractor (Stent) have been forwarded to Re3, and are currently under review.

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

Sheet Piling - Stent
Concrete Test Piles - Stent
Fencing works

The following enquiries have been sent out:

Structural Steelwork
Gas membrane
Civil Concrete works

Subcontract approvals for the structural steelwork and civil concrete works will be required, and details will be submitted in the next reporting period.

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 2 has been made, and is in the process of approval by Re3.

5 **QUALITY ASSURANCE**

Nothing to report in the period

6 **OUTSTANDING ISSUES AND ACTIONS**

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

7 **KEY ACTIVITIES IN FORTHCOMING PERIOD**

Sheet piling to the HWRC access ramp (February 2007)

Concrete piling to commence (March 2007)

Concrete to HWRC base slab to commence (March 2007)

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

The Smallmead sample panel (as required by the planning conditions) has been submitted for approved by the Local Planning Authority.

The Environment Agency has granted temporary discharge consent to the EPC Contractor for the Smallmead site.

Forecast Milestone Application dates

Smallmead

Milestone	Date
Site Clearance Topsoil and vegetation strip, completion of clearance of bulking bays up to GL 14	Feb 07
Bulk Earthworks Completion to reduced level dig up to GL14	Mar 07
Piling Completion of Piling up to GL 16 (excluding Pile caps)	May 07

Key Milestones

Longshot

Milestone	Date
Date of Commencement Commencement of design	Jan 07*

*(notification to be made by 9 February 2007)

Summary Programme – as attached