

# BDR WASTE PFI

## BDR MANAGER UPDATE REPORT

### 1.0 Governance

A report on amendments to the current delegations under the PFI Contract are being considered across the BDR Partnership Councils. The amendments are to allow operational matters to progress in a timely manner.

The Legal team is considering revisions to the Inter Authority Agreement, a key individual leaving the team has impacted on this work.

### 2.0 Project Delivery

#### 2.1 Bolton Road

Item	Percentage Complete	Target Completion Date	Actual Completion Date	Comments
Discharge of planning conditions	95%	1/7/2015		<p>Outstanding conditions:</p> <ul style="list-style-type: none"> <li>• Biodiversity</li> <li>• Flood management plan</li> <li>• Traffic management plan</li> </ul> <p>The above have now all been submitted to RMBC planners, Shanks awaiting comments.</p> <p>Section 73 application submitted for refinement layout of AD plant, await Planning Committee date.</p>
Permit progress	100%	1/7/2012	1/10/12	<p>Permit received from Environment Agency on 5/10/2012. There are 4 pre-operational conditions.</p> <ul style="list-style-type: none"> <li>• An odour management plan is to be submitted before the facility becomes operational.</li> <li>• Background sampling of bio-aerosols must be undertaken</li> <li>• Further information on noise must be submitted</li> </ul>

				<ul style="list-style-type: none"> <li>Evidence of the technical competence of the Site Manager must be supplied</li> </ul> <p>Variation for AD to move from standard rules to bespoke, now issued by EA.</p> <p>OMP submitted, formal feedback from EA received. Shanks progressing second draft. OMP meeting planned for 18/09/14.</p>
Fire Strategy completed	95%			The Fire Strategy has undergone a complete review following incidents at Ferrybridge and Frog Island.
Power on to permanent works	100%	26/8/2014		Final connection now made.
Buildings complete excluding planting	100%	29/9/2014		All external works complete. Workshop build and fit out complete. Visitors centre build and fit out complete, handover on 23/06/14.
Roads and weighbridge complete	95%	01/10/2014		Weighbridges installed and roads complete. Handover planned for w/c 01/09/14.
Intelligent Transfer Station (ITS) Construction	99%	7/4/2015		All external works nearing completion.
ITS Commissioning	45%	24/2/2015		<p>Process water cannons installation complete.</p> <p>All six waste handling cranes installed.</p> <p>Work commenced on refinement layout with several pieces of equipment (trommel, conveyors) now insitu.</p> <p>Bio filter construction commenced, line 1 complete and fill planned for w/c 01/09/14.</p> <p>Cable pulling and electrical work commenced.</p>
ITS Acceptance Tests	0%	20/5/2015		

Anaerobic Digestion (AD) Commissioning	70%	11/11/2014		Good progress made with all internal construction works to fermenters, reception hall, ASP and in vessel composting areas now substantially complete. Standby boiler commissioned and commenced heat cycle of fermenter under floor heating. Bio filter construction complete, fill of LECA complete, and tented cover now installed. Extraction ductwork now substantially complete. Training of workforce planned for w/c 15/09/14 start
FITs application	0%	12/10/2014		
Animal By-Products Regulations (ABPR) Compliance	0%	12/5/2015		Meeting held with Vets on site, further meetings planned in September 2014.
AD Acceptance Tests	0%	16/6/2015		
Progress towards Service Commencement	70%	1/7/2015		Balfour Beatty have now left site Both A2A (Ecodeco) and Jones Celtic Bio Energy (JCBE) now established with progress on mechanical and equipment fit out.
Recruitment	10%			Community Education Liaison Officer (CELO), Senior Operations Manager and Office Manager now in place.

## 2.2 Ferrybridge

Item	Percentage Complete	Target Completion Date	Actual Completion Date	Comments
Enabling works Ferrybridge	95%	17/12/2012		Cricket Pavilion completed, new car parking area completed, work on access underway outstanding work on tank but this will not effect the main works commencing
Main Works Hot Commissioning	0%	12/10/2014		This date has slipped into January 2015 at last update

Operational Testing	0%	5/4/2015		
Facility Operational	0%	5/4/2015		

### **3.0 Technical**

#### **3.1 Bolton Road**

The majority of the construction works is now substantially complete and Balfour Beatty have now handed over their principal contractor role to Border Environmental. The emphasis has changed from pure construction over to process equipment installation. Balfour Beatty are continuing with final fit and snagging of the various buildings and infrastructure.

#### **A2A (formally Ecodeco)**

A2A are now firmly established on site and the following works have been completed:

- Installation of 6 overhead cranes in the bio drying halls
- Construction and first fill of the bio filter and bio filter media
- Installation of bio drying fans and associated pipe-work
- Installation of shredder bridge, associated electrical work and infrastructure
- Installation of refinement feed conveyors, hoppers, trammels and further refinement processing equipment and conveyors

#### **JCBE (Dry AD plant)**

Work on the dry AD plant is progressing to plan; the following works have been completed:

- Installation of fermenter doors, pipe work and gas analysers
- Installation and dry commissioning of the CHP engine
- Installation of the gas bag above the fermenters
- Installation and first fill with LECA of the bio filter
- Extraction equipment and associated pipe work and cleaning equipment.

The standby boiler has been commissioned and is in use slowly raising the temperature of the under floor and wall heating. Commissioning is planned for a November 2014 start.

Meetings have been held with both the EA and State vets with regard to future compliance, Shanks are reviewing documents following their input and providing quality and process maps to both.

## **Recruitment**

AD plant and engineering recruitment nearing completion.

Event planned in Wath library for 17/09/14, which will comprise of an all day presence where individuals can come along and learn more about the project and type of roles available.

Recent and future publicity will be via:-

- Local job centres
- Adverts in Barnsley chronicle, Doncaster free press, Rotherham Advertiser and Sheffield star.
- Adverts placed with local large firms closing down e.g. Maltby and Knottingley collieries.
- Ex-service job boards, covering Army, Navy and RAF.

## **3.2 Ferrybridge**

### **Progress on Site**

The civils works are now nearing completion and cold commissioning is expected to begin in Q4 of 2014.

### **Recruitment**

Financial Controller and Plant Chemist started in their roles as of June 2014. 10 more operational staff (including Shift and Day Team Leaders, Mechanical Engineer, EC&I Engineer and Planner) started on 1 September 2014.

### **Ferrybridge 2**

Multifuel Energy Ltd is seeking permission to build a second Multifuel Power Station (known as FM2) on the Ferrybridge site. The Planning Application has now been submitted and the Planning Inspectorate (PINS) who are responsible for recommending a decision on the application, have now accepted it for examination

#### **4.0 Legal**

There have been changes in the Legal representation from both Barnsley and Rotherham, a briefing session is to be set up in October when all new Legal Officers are in place.

#### **5.0 Financial**

The Operational Management costs are predicted to be within budget for 2014/15.

#### **6.0 Communications**

A recruitment event is to be held on 17 September 2014 at Wath Library, relating to further more general roles at the new facility.

A bid has been submitted to WRAP for funding for a communication campaign to maintain or increase recycling. This will tie into the community liaison work undertaken by the Shanks CELO.

#### **7.0 Resources**

The review of the Joint Waste Team for the operational phase of the project is to be considered by Steering Committee.

#### **8.0 Health and Safety**

##### **Cumulative report**

<b>Incident Type</b>	<b>Brief Description</b>	<b>Investigation ongoing/complete</b>	<b>Report Issued (Yes/No)</b>
RIDDOR	Fractured foot (at site of previous injury)	Complete	Yes
RIDDOR	Concussion	Complete	Yes
Minor	Pedestrian fence blew over in wind, striking electrician on the leg, no injury.	Complete	n/a
Minor	Dust in eye	Complete	n/a

Minor	Cut to finger while dressing HDPE lining	Complete	n/a
Minor	Steel erector hurt thumb whilst recovering a vehicle stuck in soft ground	Complete	n/a
Incident	Operative stepped into gully no injury sustained.	Complete	n/a

## 9.0 Other

Work is underway to reschedule rounds across the three Council areas ready for delivery of commissioning waste to the plant early next year.

### Incidents

During the last few weeks, there have been two external incidents worthy of note

1. A fire at Ferrybridge power station, which delayed the build of the new facility that BDR will be using by only half a day. The fire was in the current generating part of the facility and we await the feedback from SSE on the cause.
2. A fire at Shanks ELWA MBT facility occurred in late August. Shanks are still investigating the root cause of the fire and it is still too early to speculate. Emergency plans worked well with no injuries to personnel being sustained.

A press release can be found at <http://www.shanksplc.com/news-room/news-releases/2014/07-08-2014.aspx>. Shanks are continuing to support its local authority clients via internal and external contingency arrangements at its local MBT facility at Jenkins Lane in East London.