

BDR WASTE PFI
BDR MANAGER UPDATE REPORT (DECEMBER 2014)

1.0 Governance

Reports on amendments to the current delegations under the PFI Contract have been considered and approved across all three Councils. The Legal team is considering revisions to the Inter Authority Agreement, this work has been impacted on by a key individual leaving the team.

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"> • Biodiversity • Flood management plan • Traffic management plan <p>The above have all now been submitted to RMBC planners, Shanks awaiting comments.</p> <p>A section 73 planning application in respect of minor amendments to the AD facility and final internal layout has been submitted and was considered and approved by the Planning Committee on 30 October 2014. Formal sign off has now been provided by RMBC.</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, which have all now been signed off.</p> <p>Variation for AD to move from standard rules to bespoke, now issued by EA.</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	100%	01/10/2014		Weighbridges installed and roads complete. Handover completed 01/09/14.
Intelligent Transfer Station (ITS) Construction	100%	7/4/2015		All external works nearing completion.
ITS Commissioning	75%	24/2/2015		Process water cannons installation complete. All six waste handling cranes installed and grabs now on site Work commenced on refinement layout with several pieces of equipment (trommel, conveyors) now in place. Mechanical installation now 80% complete, electrical wiring to commence. Bio filter construction commenced, line 1 and 2 now complete and filled Cable pulling and electrical work commenced. Shredders installed. Fast acting doors to reception pits and shredder pits now installed
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 (IVC) areas now substantially complete. Standby boiler commissioned and commenced heat cycle of

				<p>fermenter under floor heating. Bio filter construction complete, fill of LECA complete, and tented cover now installed.</p> <p>Extraction ductwork, now substantially complete.</p> <p>Training of workforce commenced w/c 23/09/14.</p> <p>Readiness test certificate issued by Independent Certifier (IC).</p>
FITs application	50%	12/10/2014		FiTS application underway. BDR manager has raised with Contract Director that BDR need to have sight of the application.
Animal By-Products Regulations (ABPR) Compliance	50%	12/5/2015		Meeting held with Vets on site, Further plans submitted to Vets for sign off, ref. Addition of mechanical heat to pasteurisation process, further meetings planned in November 2014. Early warning issued by Jones Celtic to Shanks to their perceived change in State vets guidance.
AD Acceptance Tests	0%	16/6/2015		
Progress towards Service Commencement	74%	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	40%			Recruitment for AD manager, MBT manager, AD supervisor, and AD operators now complete.

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 February 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:

- Process water cannons installation complete.
- All six waste handling cranes installed and grabs now on site
- Work commenced on refinement layout with several pieces of equipment (trommel, conveyors) now insitu, mechanical installation now 80% complete, electrical wiring to commence.
- Bio filter construction on line 1 and 2 now complete and filled
- Cable pulling and electrical work commenced.
- Shredders installed.
- Fast acting doors to reception pits and shredder pits now installed.

JCBE (Dry AD plant)

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

- All internal construction works to fermenters, reception hall, ASP and In Vessel Composting (IVS) 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 commenced w/c 23/09/14 start
- Readiness certificate issued by IC.

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.

Shanks proposals for an ecological mitigation pond on site have initial approval from RMBC subject to issue of the final drawing.

ABPR compliance with state vets remains challenging for the AD.

Recruitment

Recruitment for AD manager, MBT manager, AD supervisor, AD operators now complete.

Recruitment event took place at Wath library on 17 September 2014. Individuals were invited to come and learn more about the project and type of roles available. The event was staffed by 3 HR Specialists from Shanks central team, the Office Manager, the CELO and the Contracts Director. The BDR manager attended for part of the day. Footfall in the library increased by 700 people, approximately 500 application forms were handed out. Shanks HR team are collating information on the applications prior to inviting to interview. Information has been provided on where the applicants are from.

3.2 Ferrybridge

Progress on Site

The civils works are now nearing completion and cold commissioning commenced in Q4 of 2014.

Recruitment

- 11 operational staff commenced 1 September 2014 (Shift and Day Team Leaders/mechanical etc.) and have undergone training in plant operations and maintenance.
- 23 more will commence by end October 2014 and will undergo same training, specialist equipment training will also be provided by the original equipment supplier.

Ferrybridge 2

Multifuel Energy Ltd is seeking permission to build a second Multifuel Power Station (known as FM2) on the Ferrybridge site. The application was submitted July 2014 and accepted examination by PINS in August 2014 and now enters the pre examination phase.

4.0 Legal

There is a shortage of internal legal resources to support the project. In the short term external legal advice is being provided for urgent matters

5.0 Financial

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

This situation could change if external legal advice is necessary for all legal matters.

6.0 Communications

A recruitment event took place at Wath Library on 17 September 2014 Individuals were invited to come and learn more about the project and type of roles available. The event had an excellent turn out with more than 800 people attending. Shanks HR team are collating the information from the recruitment event applications prior to inviting successful applicants to interview.

Work was completed on the construction of special equipment, including a conveyor belt and a trommel, ready for the launch of "It's a Rubbish Adventure", our joint project with Magna Science Adventure Centre, which took place on 29 October 2014 at Magna. Children saw the processes involved in moving, sorting, re-using and recycling waste in a hands-on experience.

The launch was attended by approximately 40 members of the public from toddlers to parents. These families engaged with the workshop offering very positive feedback and praise. A photographer and videographer for the partnership attended and captured stills and video footage, there were also two local press photographers in attendance. The launch received very positive media coverage in several local outlets.

To date the 'It's a Rubbish Adventure!' workshop has been delivered 21 times, three of these to school parties from the Barnsley, Doncaster and Rotherham areas. In total 248 Key Stage 2 pupils (7-11 year olds) have attended the workshops with school parties and a further 206 family visitors have attended the workshops run in Magna at peak times such as the school holidays.

Shanks Community Education Liaison Officer (CELO) has been appointed and work has commenced on the Community Liaison Plan. News of the appointment appeared in Lets Recycle.

Community Liaison Education Officer (CELO) Activities

A summary of the proposed Community Liaison Plans activities are in the table below:

Activity 15/16
Waste audit consultation paper for schools produced and audit trialled
50 school visits
60 workshops or talks
36 community events
Training 8 groups to be 3Rs advocates
Partnerships with hard to reach / hard to engage groups
120 volunteer hours
8 volunteers trained to spread 3Rs messages
24 roadshows
100,000 leaflets - 20,000 school leaflets - 40,000 BDR plant leaflets - 40,000 How to prep your waste for disposal leaflets

- 40,000 what happens to your recycling leaflets
Merchandise
Waste Minimisation campaign - E.g. No junk mail, charity shop, furniture project campaign - Including on street advertising and signposting cards
Develop BDR website to increase usage by 5%
Waste composition audit

All CELO activities are aimed at increasing awareness and understanding of recycling and waste prevention. All achieved by using a number of different communication techniques.

To date the CELO has completed a number of activities including; developing “It’s a Rubbish Adventure” in partnership with Magna and the BDR team, making connections with the Dearne Valley Nature improvement area and Eco Vision. School visits with Carlton Community Collage Year 11 Citizenship students, Attending Scoutastic scouting event and talking to over 200 local children and adults. The CELO is also currently developing the criteria for Shanks Corporate Social Responsibility fund and is working with the CLG on this.

7.0 Resources

The review of the roles of the Joint Waste Team for the operational phase of the Contract is underway.

8.0 Health and Safety

Cumulative report

Incident Type	Brief Description	Investigation ongoing/complete	Report Issued (Yes/No)
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

Incidents

Shanks and SSE are still awaiting reports on the findings of the forensic analysis of the fires at ELWA and Ferrybridge. Work on the BDR fire strategy continues to ensure it is robust.

There was a fire at the Hespian Wood site in Cumbria during the early hours of Friday 7th November 2014. There were no injuries and the service provision recommenced on Monday 10th November 2014. Shanks will provide further details once the cause of the fire has been determined.

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.