





Risk Number	Risk	Consequence /effect - What would actually happen as a result? How much of a problem would it be? To whom and why?	Existing actions/controls - What are you doing to manage this now?	Risk Score with existing measures (See scoring table)		Current Score	Further management actions/controls required - What would you like to do in addition to your controls?	Target Score with further management actions/controls		Target Score	Risk Owner (Officer responsible for managing risk and controls)	Risk Review Date	Movement
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8 (CSS13)	Changes to Collection services and that impact on the PFI Contract - waste volumes change	Potential to impact on the performance of the plant. Potential to impact on the Third Party Revenue Share due to the Councils. Implications on PFI Credits. Implications on Inter Authority Agreement.	Inter Authority Agreement measures. Significant collection change clause in the PFI Contract. Current WIDP/DEFRA position in terms of Credit Allocation position requires BDR to abide by the terms and conditions in the Promissory letter and the Final Business Case.	4	5	20	Dialogue with WIDP/DEFRA and between BDR Councils. Test potential impacts to the contract/Councils against the IAA3. Lobby Government on recycling definitions.	3	4	12	BDR MANAGER	01/04/23	
9 (CSS13)	Changes in Government Law/Regulations including W&RS (Legislative Change)	Potential financial implications due to change in law triggering negotiated changes to BDR PFI contract and financial model to cover the required service / disposal change . Councils could take more risk than anticipated	Procedure incorporated in the Contract Conditions. Impact and actions to be jointly agreed with the Contractor to mitigate costs as far as possible. In-depth negotiation will be undertaken with (already procured) Legal and Financial expertise working for the Councils. Application of the Change in Law Clauses within the contract	4	5	20	Consider the need for the Change in Law retention fund. Ensure contribution to consultations. In-house Legal & Financial expertise has worked on the PFI Contract from inception - Large in-depth knowledge of PFI contract.	3	4	12	BDR MANAGER	01/04/23	
21 (CSS13)	Changes in Local Authority policy.	Potential financial implications due to change in service negotiated for changes to BDR PFI contract and financial model to cover the required service delivery .	Procedure incorporated in the Contract Conditions. Impact and actions to be jointly agreed with the Contractor to mitigate costs as far as possible. In-depth negotiation will be undertaken with (already procured) Legal and Financial expertise working for the Councils. Risk may be transferable to Council if changes requested by them and not national change in law	4	4	16	In-house Legal & Financial expertise has worked on the PFI Contract from inception - Large in-depth knowledge of PFI contract, will ensure that if possible any changes are covered under contract change protocols, or minimise risk and costs re-charged to the Authority. Councils to have a Joint Waste Strategy	2	1	2	BDR MANAGER	01/02/23	
23 (CSS13)	Changes in Technology due to innovation or Government Law/Regulations (Carbon Capture) at Energy from Waste Plant	Potential financial implications if due to change in law. Initial negotiation with Renewi and Enfinium. Renewi may wish to cascade effects. Would trigger clauses covering this scenario (changed to EFW downstream contract)	Procedure incorporated in the Contract Conditions. Impact and actions to be jointly agreed with the Contractor to negate or mitigate costs as far as possible. In-depth negotiation will be undertaken with (already procured) Legal and Financial expertise working for the Councils. Application of the downstream Changes to EFW contract Clauses within the contract. Enfinium requested to supply situational update via monthly OpCo meeting.	5	3	15	In-house Legal & Financial expertise has worked on the PFI Contract from inception - Large in-depth knowledge of PFI contract and clauses. Experienced negotiators in. Response from Enfinium - "Do not currently use any Carbon Capture technology at any Enfinium facility, however have started discussions with several potential technology partners as it is likely to become mandatory to capture a percentage of stack gas carbon for the Few sector in the next 10 to 15 years."	3	1	3	BDR MANAGER	01/02/23	
17 (CSS13)	Contractor is in Contractor Default due to financial failure of contractor	Funders assess the position and decide whether to step in and avoid Contractor Default. If they do not then the Contractor could be terminated by the Councils.	Contractor to limit exposure to unnecessary costs and protect income during any negotiations of change. Councils have standard HMT approved contract drafting to manage termination process.	4	3	12	Ensure appropriate application and understanding of the contract. Continue to maintain a good contractual relationship with operator and key staff.	4	3	12	BDR MANAGER	01/04/23	
16 (CSS 13)	Operating sub-contractor exits UK Municipal market due to financial pressures	Service disruption	The PFI model anticipates several stages where the private sector entities - Operating Sub-Contractor, Contractor (Equity and Junior Debt Investors) and Senior Lenders - all progressively take risk (and lose their investment/loans) before the Councils bear additional costs risk. The Contractor would be required to replace the Operating Sub-Contractor and pay the costs of doing so. Compensation would be payable by operating sub-contractor in addition to the letter of credit they have in place.	4	3	12	The Councils will identify areas where they could work with the Contractor and operating sub-contractor to help reduce the losses they are currently facing whilst maintaining the intended risk transfer and achieving the required service performance. However, they should ensure that they outcome of any negotiations does not result in the Council being liable for increased compensation on termination costs should a termination still be likely as a result of the contract being considered more valuable on a market tendering exercise. Ensure appropriate application and understanding of the contract. Continue to maintain a good contractual relationship with operator and key staff.	4	2	8	BDR MANAGER	01/04/23	
20 (CSS13)	Lack of skills and resources in the waste sector	Potential reduced resource implications to deliver waste services. Maintaining supply chain due to lack of EU workforce and resources. Contractor unable to fill key posts or maintain haulage capacity	Ensuring long term resources and man-power planning monitored and maintained. Ensuring workforce and resources are primarily UK based.	3	3	9	Work with trade bodies to ensure staff skill maintained and engaging with stakeholders to encourage new entries into Waste Management arena	2	2	4	BDR MANAGER	01/04/23	
18 (CSS13)	Pandemic	Lack of staff/consumables due to a Pandemic results in facility not being able to function	Contingency plan in place. Staff able to work from home social distancing measures in place. Provision of information to staff on preventative measures e.g. hygiene measures. Minimising the amount of person to person contact. Minimising sharing of handheld equipment. Use of PPE e.g. gloves. Closely monitoring all developments internationally as well as advice from Governments and local health experts	3	3	9	Work closely with partners to monitor situation and communicate if any cases occur locally. Escalate risk as appropriate. BDR team work from home where necessary, also have meetings by SKYPE if situation escalates to minimise chance of cross infection. Testing/Immunisation program for contractors staff and household members. Liaison with Statutory bodies to ensure waste operators have essential status for accessing PPE if necessary. Source several suppliers.	2	2	4	BDR MANAGER	01/04/23	

13 (CSS13)	Closure of facility or inability to provide the service due to a force majeure event (major incident at ITSAD Facility)	Service disruption. Temporary full or partial closure of facilities.	Contractual conditions provide a shared responsibility to agree measures to mitigate the effects and facilitate the continuation of the service. There are contingencies and other controls within the contract to divert waste to other waste facilities. No current short to medium threat to MBT process. AD issues.	3	3	9	Undertake a communications campaign. Use contingency sites and/or other contracts where possible e.g. Veolia landfill contract. Use emergency procurement if absolutely necessary.	3	1	3	BDR MANAGER	01/04/23	
2 (CSS13)	Contractor default needing emergency action and/or leading to contract termination.	Service disruption. Temporary full or partial closure of facilities.	A series of performance bond and Parent Company Guarantees exist to provide and/or pay for interim/alternative arrangements to be made. Funders would work with BDR to bring in a new contractor to deliver the service. Contingency arrangements may be implemented in the short term. Robust contract monitoring procedures	4	2	8	Ensure monitoring staff are sufficiently skilled to manage this situation. Liaison with other PFI Contract Managers, knowledge transfer	3	2	6	BDR MANAGER	01/04/23	
19 (CSS13)	UK having exited the European Union impacts on supply chain	Potential financial implications to cover the cost of supply chain if involves markets in the EU.	Contractor to limit exposure to unnecessary costs and delays in supply chain from the EU. Ensuring long term planning of stocks and supplies. Ensuring waste off-take is primarily UK based.	2	4	8	For main off-take of EFW is contracted long-term to UK based Ferrybridge MF EFW facility. Encourage development of local development of supply chains for key equipment through DPD.	2	2	4	BDR MANAGER	01/04/23	
6 (CSS13)	Serious injury/death of a member of staff or public through service operation (MAJOR INCIDENT AT ITS/AD)	Personal tragedy. Health and Safety Executive intervention. Possible service disruption. Possible corporate liability offence	Contractor has completed and regularly reviews full Risk Assessments. Staff training, H&S Inspections, Contract Monitoring and performance deductions for non compliance. External Audit has been undertaken by Consultants and RMBC Health and Safety Team Regular monitoring of the Contractual requirements in relation to Health and Safety Consistent application of the Payment Mechanism	4	2	8	Regular visits by health and safety officers. Quarterly health and safety meetings.	4	1	4	BDR MANAGER	01/04/23	
7 (CSS13)	Obtaining required terms for Insurance is difficult due to market conditions - Insurance costs increase	There is a lack of Markets for insuring waste plants	Robust fire strategy, latest technology for fire suppression. Fire plan signed off by insurers BDR Technical advisors and Independent Certifier. Regular fire drills. Contractor liaison and education of insurance markets. Contractual position on insurance. Implementation of fire improvement works. Regular meetings with insurance broker, two month leading up to renewal to understand where contractor is with placement of insurance & any issues, movement away by insurers and cover obtained. Seeing annual improvements in process and cover being attracted	3	2	6	Consider reviewing the insurance requirements. Enforcement of Contractual positions. Council become insurer of last resort. For 2022, improvements seen in ability to place insurance, and breadth of insurers willing to insure BDR	3	2	6	BDR MANAGER	01/04/23	
10 (CSS13)	Environmental Impact to Local Area from Noise/Odour/Flies/Vermin etc (Compliance)	Reputational damage and adverse publicity from pollution emanating from State of the Art Facility. Potential for Local/National interest	Contractual controls and performance measures. Monitoring the contract. Pro-active engagement with the local community. Sharing data Regular monitoring outside the perimeter of the plant. Close liaison with the Local Environment Agency officer to monitor the plant and agree Fly and Odour Management Plans. 20/21 has seen a dramatic reduction in complaints couples with EA engagement and approval or fly management on site couples with data showing dramatic reduction in fly numbers inside the plant. EA have also identified poor fly management elsewhere in the deame valley	2	3	6	Increased fly spraying during the fly season. Use of different insecticides. Increased pit management and emptying. Communicate to householders to wrap waste. Ensure biofilters are adequately maintained	2	2	4	BDR MANAGER	01/04/23	
11 (CSS13)	Failure of plant equipment results in withdrawal of credits (Review of WICS)	Reputational damage and adverse publicity emanating from poor performance of state of the art facility. Potential for Local/National interest. Budget impact	Regular contract meetings/Monitoring and review procedures/Contingency facilities in place/Performance deduction. Step in provisions exist. It is likely that the Funders would step in an appoint another Contractor if performance is poor. Alternately the Councils could step in until the Contract could be retendered	3	2	6	Ensure monitoring staff are sufficiently skilled to manage this situation. Liaison with other PFI Contract Managers, knowledge transfer close liaison with DEFRA. Contractor has improved the refinement and is introducing further measures to ensure plant performance continues to improve	3	1	3	BDR MANAGER	01/04/23	
22 (CSS13)	Lack of resources due to contractor staff restructures, staff resignations, or leaving company; Failure to have a knowledge of current level of management of facility and contract.	Failure to deliver the contract effectively, and deliver the terms of the contract to ensure not in breach of the contract requirement. Reduction in the good working relationship between contractor and client	Client contract manual to document the processes and procedures. To be maintained and updated when changes occur. Staff training and development. Knowledge of contractual processes and procedures to be held on contractors' management system	3	2	6	To ensure regular operational meetings where staffing and contingency is discussed. Obtain prior knowledge of staff changed due. Work with new staff members to maintain client Contractor relationship and adherence to contract delivery	3	1	3	BDR MANAGER	01/04/23	

14 (CSS13)	Insurance for the BDR Waste Treatment Plant is not available	The Councils would become the insurer of last resort. The Contractor would have to approach the market every 4 months to attempt to obtain insurance/ Contract would be terminated	Contractor in liaison with Insurere is progressing upgrade of the Fire Protection systems. Insurance broker is working with Insurance market to build confidence. Regular meetings with insurance broker, two month leading up to renewal to understand where contractor is with placement of insurance & any issues, movement away by insurers and cover obtained. Seeing annual improvements in process and cover being attracted	4	1	4	Robust case against Uninsurable argument. Ensure Contractor completes the fire improvement works. For 2022, improvements seen in ability to place insurance, and breadth of insures willing to insure BDR	4	1	4	BDR MANAGER	01/04/23	
12 (CSS13)	Lack of resources due to restructures, and staff resignations failure to have a knowledge management plan (Business Continuity - BDR)	Failure to monitor the contract effectively/make payments resulting in Breach	Contract manual to document the processes and procedures. To be maintained and updated when changes occur. Contract information held on CIPFA site and on a Sharepoint portal. Staff training and development. Knowledge management plan.	2	2	4	Staff retention could be improved if a clear career path existed. CIPFA Asset Management system to hold all relevant documentation. PFI Manager post now fully staffed. Review of PFI structure and building skill of existing staff through training and upskilling. Additional succession planning to be undertaken.	2	1	2	BDR MANAGER	01/04/23	
15 (CSS 13)	Recycling Markets	Lack of recycling markets impacts on Contractors ability to achieve recycling rate	Reviewing disposal points, ensuring Contractor has contingency in place	2	2	4	Councils may consider taking on more risk (as long as this is properly assessed) to deliver savings. Currently being investigated as part of the Councils' operational savings review. Encourage market development of local Waste Treatment / recycling infrastructure through Waste Management Plan and DPD	2	1	2	BDR MANAGER	01/04/23	
4 (CSS13)	Fraud	Contractor could attempt to charge for more than they are entitled to/Client team could collude with Contractor	Process for checking Tickets from each Council is in place. Financial and Legal Officers form part of team. Information shared across all 3 Councils Direct debit mandate is in place for Barnsley and Doncaster to pay Rotherham. All deductions are accounted for in line with the IAA3. Guaranteed minimum tonnage requirement for the Councils. Regular reports to Steering Group/Joint Waste Board. Systems in place to pay the Contractor Internal and External Audits undertaken	3	1	3	Continue to ensure open door policy maintained and easy access to information (contract requirement) continues. Regular site visits. Maintain good contractor client relationship. Duty of care audits with 3rd party off-takers	3	1	3	BDR MANAGER	01/04/23	

Risk (What is the problem / hazard? What is it that will prevent you from meeting your objective?)	Consequence / effect: (What would actually happen as a result? How much of a problem would it be? To whom and why?)	Existing actions/controls (What are you doing to manage this now?)	Risk Score with existing measures (See scoring table)			Further management actions/controls required. (What would you like to do in addition to your controls?)	Target Score with further management actions/controls required (See Scoring Table)			Cost (of impact; of current controls; of further controls) £	Risk Owner (Officer responsible for managing risk and controls)	Risk Review Date
There is a risk that the contractor will not comply with the terms and conditions and the performance will be less than the Councils are paying for. (Compliance)#1 Remove this risk as now covered with other risk listed.	Service disruption. Temporary full or partial closure of facilities.	Regular contract meetings/Monitoring and review procedures/Emergency plan/Contingency facilities in place/Performance deduction , Step in provisions exist. It is likely that the Funders would step in an appoint another Contractor if performance is poor. Alternately the Councils could step in until the Contract could be re-rendered	2	2	4	Ensure succession planning is adequate. Invest in training for the current team Project Management and COTC.	2	1	3	Approximate costs for training in Project Management and COTC £4,000	BDR Manager	1st October 2021
Ensure the balance of risk between Contractor and BDR is maintained. #5 Remove this risk as now covered with other risk listed.	Councils could take more risk than anticipated	Change protocol in place, consideration needs to be given to level of risk as changes are negotiated.	3	2	5	Councils may consider taking on more risk as long (as this is properly assessed) to deliver savings. Currently being investigated as part of the Operational Savings review	2	2	4	Approximate costs for financial advice £30,000 Legal advice would also be needed approximately £30,000 money already allocated in Operational Management Budget for this.	BDR Manager	1st October 2021