



REPORT TO: NWRWTP JOINT COMMITTEE

DATE: 29th JANUARY 2021

REPORT BY: CONTRACT MANAGER

SUBJECT: SERVICES UPDATE REPORT

1. PURPOSE OF REPORT

- 1.1. To update the Joint Committee on progress on the first year of full Services at Parc Adfer, including operational and financial aspects.

2. BACKGROUND

- 2.1. Parc Adfer has now been in Full Services for a full year, and accepting waste since August 2019, with services now at a “settled” state, despite the on going Covid-19 pandemic.
- 2.2. This report provides a summary of the operational and financial performance of Services at Parc Adfer for the Services period.

3. CONSIDERATIONS

Operations

- 3.1. As outlined in 2.1 above Parc Adfer reached the significant milestone of completing the first full year of Services at Parc Adfer (full Services commenced on 20th December 2019).
- 3.2. Whilst Covid has placed pressure on Parc Adfer, the protocols and processes put in place on site have ensured that the site has remained fully operational throughout the Covid pandemic to treat partner authority waste.
- 3.3. Waste deliveries have continued to site with no significant or recurring issues, with Partner Authority waste deliveries given priority over third party waste on arrival on site. The plant is also performing very well in terms of its efficiency, emissions etc with emissions well below permitted levels.
- 3.4. The Partner Authorities continue to deliver circa 550 vehicles per month (around 140 per week) to Parc Adfer, with the majority of the tonnage coming in via Heavy Goods Vehicles (HGV's), along with Flintshire's Refuse Collection Vehicles (RCV's) delivering to the site.



Tonnage throughput and the impact of Covid-19

- 3.5. Following a small reduction in partner authority tonnages into Parc Adfer during April and May of 2020 during the first national lockdown (as reported to the Joint Committee in June 2020), tonnages increased significantly throughout the summer of 2020, to very high levels in July, August and September. Tonnages fell and have stabilised into the autumn and winter, however appear to have remained at level higher than pre-covid, even with tighter restrictions coming back into force. This has meant that, overall, for the year to date the authorities have in general seen higher household waste tonnages in 2020/21 than the previous year. This is thought to be a result of more people working from home and generally spending more time at home due to Covid restrictions.
- 3.6. A table showing the monthly tonnage throughput into Parc Adfer from the partner authorities is shown in Appendix 1 below, along with graphs showing the tonnage throughput both as a partnership and individual authorities.

Annual Maintenance Shutdown

- 3.7. All plants such as Parc Adfer require an annual maintenance shutdown to ensure the safety, efficiency and longevity of the plant. As such, Parc Adfer arranged for the first such shutdown to take place in September 2020. This process involves shutting down the plant's waste processing for a period of two working weeks whilst the essential maintenance works and safety checks take place.
- 3.8. During such periods, the plan is to continue to accept Contract Waste (partnership waste) at Parc Adfer, utilising the capacity of the waste bunker on site. Once the waste processing is re-started, third party waste is accepted at Parc Adfer once bunker levels are back to normal working levels.
- 3.9. Parc Adfer stopped processing waste from the 7th September 2020 until 20th September 2020 for their first annual maintenance shutdown. Due to the high levels of partnership waste during September as noted in 3.5 – 3.6 above, in order to assist with managing bunker levels, Parc Adfer initiated their Diversion Plan for a proportion of Authority waste during this period. This means that 1,000 tonnes of authority waste was diverted during this period. All of the waste was taken to another Energy from Waste facility, ensuring diversion from landfill for all authority waste during the period.
- 3.10. The shutdown was carried out successfully with no significant issues experienced on site and completed within the timetable. There was no disruption to Authority waste acceptance.

Other operational matters

- 3.11. As noted in 3.3 above, waste deliveries have continued to site with no significant or recurring or recurring issues, with the site performing within its required parameters. Turnaround times of vehicles on site have been well below contractual limits throughout the period.
- 3.12. The Partnership have worked constructively with Parc Adfer to resolve small day to day issues that inevitably occur during the operation of a plant such as Parc Adfer including waste acceptance criteria, vehicle entry to site, staffing etc.



with the constructive approach ensuring the continuation of the safe treatment of partner authority waste at Parc Adfer.

Recycling and waste diversion performance

3.13. Parc Adfer contributes to the Partner Authorities' recycling and landfill diversion figures through the recycling Incinerator Bottom Ash (IBA), which includes metals. For the year to date (Apr to December 2020), the overall recycling levels is circa 22%, which is comfortably above contractual levels.

Operational Summary

3.14. In summary, operations and performance at Parc Adfer have continued to do well, despite the on-going Covid pandemic. There have been no disruptions to Partner Authority deliveries, low overall turnaround times with minimal delays to deliveries, emission levels have been well below permitted levels and other performance measures have been good. The above has all been achieved whilst in the midst of the on-going Covid 19 pandemic.

4. RECOMMENDATIONS

- 4.1. The Joint Committee is asked to:-
1. Note the content of the report.

5. FINANCIAL IMPLICATIONS

- 5.1. N/A

6. ANTI-POVERTY IMPACT

- 6.1 N/A

7. ENVIRONMENTAL IMPACT

- 7.1 The environmental impact of the Parc Adfer facility has previously been reported to the Joint Committee.

8. EQUALITIES IMPACT

- 8.1 N/A

9. PERSONNEL IMPLICATIONS

- 9.1. As described in the body of this report

10. CONSULTATION REQUIRED

- 10.1 None.



11. CONSULTATION UNDERTAKEN

11.1. As outlined in the report.

LOCAL GOVERNMENT ACCESS TO INFORMATION ACT 1985

Background Documents:

None

Contact Officer: Steffan Owen
Regional Contract Manager
Steffan.r.owen@flintshire.gov.uk



Appendix 1 – Parc Adfer Performance and Tonnage inputs

Monthly tonnages into Parc Adfer

	Anglesey	Conwy	Denbighshire	Flintshire	Gwynedd	TOTAL
Apr-20	1,153.04	1,545.29	1,415.01	2,467.74	1,688.46	8,269.54
May-20	1,055.48	1,429.45	1,193.83	2,452.35	1,695.22	7,826.33
Jun-20	1,124.28	1,634.74	1,233.86	2,676.08	1,878.86	8,547.82
Jul-20	1,300.94	1,798.38	1,273.62	3,033.19	2,336.76	9,742.89
Aug-20	1,327.42	1,747.55	1,446.71	2,696.00	2,682.06	9,899.74
Sep-20	1,365.54	1,903.89	1,536.09	2,832.57	2,659.20	10,297.29
Oct-20	1,286.64	1,707.52	1,509.62	2,770.94	2,227.18	9,501.90
Nov-20	1,138.58	1,663.48	1,299.32	2,625.82	1,982.98	8,710.18
Dec-20	1,330.30	1,754.00	1,354.08	2,461.78	2,130.08	9,030.24

