



**REPORT TO:** **NWRWTP JOINT COMMITTEE**

**DATE:** **10<sup>th</sup> JUNE 2021**

**REPORT BY:** **CONTRACT MANAGER**

**SUBJECT:** **SERVICES UPDATE REPORT**

## **1. PURPOSE OF REPORT**

- 1.1. To update the Joint Committee on progress on the operational aspects at Parc Adfer.

## **2. BACKGROUND**

- 2.1. Parc Adfer has been receiving waste from the partner authorities since late August 2019 and commenced full services in late December 2019. Services at Parc Adfer have continued uninterrupted throughout the Covid-19 Pandemic.
- 2.2. This report provides a summary of the operational performance of Services at Parc Adfer for the Services period.

## **3. CONSIDERATIONS**

### Operations

- 3.1. Whilst Covid has understandably 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. Some limited site visits have now restarted on site (key meetings etc), with additional measures in place for those meetings.
- 3.2. As was reported to the Joint Committee at the last meeting in January 2021, waste deliveries have continued to site with no significant or recurring issues. The Partner Authorities delivering circa 700 vehicles per month (around 175 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.
- 3.3. The plant is also performing very well in terms of its efficiency, emissions etc with emissions well below permitted levels (see paras 3.9 – 3.11 below for further detail).



### Tonnage throughput and the impact of Covid-19

- 3.4. It was reported at the last Joint Committee meeting in January 2021 that tonnages from the Partner Authorities had increased during 2020 after an initial decrease in April and May 2020. That increase in tonnages has continued into spring 2021 with levels for January to April 2021 being higher than the comparative months in 2020. Even allowing the initial dip in tonnages in April / May 2020 due to the first national “lockdown”, 2021 tonnages are still higher.
- 3.5. With travelling abroad likely to be more difficult during the summer of 2021 and therefore the likelihood of people taking breaks and holidays in North Wales as well as residents staying locally, it anticipated that the pattern of increased tonnages during the summer months is anticipated for summer 2021, with possible a slightly higher level than 2020.
- 3.6. Tables showing the comparative monthly tonnage throughput into Parc Adfer for January to April 2020 and the same months in 2021 are included in Appendix 2 below.

### 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. 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. Parc Adfer’s first such shutdown successfully took place in September 2020.
- 3.8. Parc Adfer’s 2021 Annual Maintenance shutdown will be taking place in June 2021. Authority waste will continue to be delivered to Parc Adfer during the shutdown with no diversions to other sites planned, however a Contingency Plans are in place in the event that diversions are required. The shutdown is also being utilised by the Engineering, Procurement and Construction contractor, CNIM, to finalise all minor items on the “snagging” list from the construction.

### Emissions Monitoring

- 3.9. Monitoring of emissions from any Energy from Waste facility is a critical part of its operation and compliance with the relevant environmental permit, as issued by Natural Resources Wales (NRW) in Wales. There are stringent regulations in place for the monitoring and the levels of all emissions which plant operators must comply with.
- 3.10. Whilst NRW are the regulatory body for Parc Adfer, part of the commitment made as part of the Parc Adfer contract was to specifically report on the emissions of small particulate emissions (known as PM2.5) to Members of Flintshire County Council, as the host authority for the site.
- 3.11. As Parc Adfer has now been in full operation for circa 18 months, specific monitoring of PM2.5 emissions has taken place for a long enough period for a report to be given to Members of Flintshire County Council as per the commitment noted above. A report is therefore currently being put together by specialist consultants, and will be reported on as soon as it is completed. The report will also be shared with this Joint Committee.



Other operational matters

- 3.12. 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.
- 3.13. In January 2021 circa 900 tonnes of partnership waste need to be diverted to other Energy from Waste facilities for a period of 3 days. This was due to an unexpected breakdown of the boiler. No waste was taken to landfill during that period, and no other breakdowns have occurred since then.
- 3.14. 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

- 3.15. Parc Adfer contributes to the Partner Authorities' recycling and landfill diversion figures through the recycling Incinerator Bottom Ash (IBA), which includes metals. For the 2020/21 year the overall recycling levels was 21.7%, which is entirely in line with expectations.

Operational Summary

- 3.16. 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**

- N/A



**7. ENVIRONMENTAL IMPACT**

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

**8. EQUALITIES IMPACT**

N/A

**9. PERSONNEL IMPLICATIONS**

9.1. As described in the body of this report

**10. CONSULTATION REQUIRED**

None.

**11. CONSULTATION UNDERTAKEN**

11.1. As outlined in the report.

**LOCAL GOVERNMENT ACCESS TO INFORMATION ACT 1985**

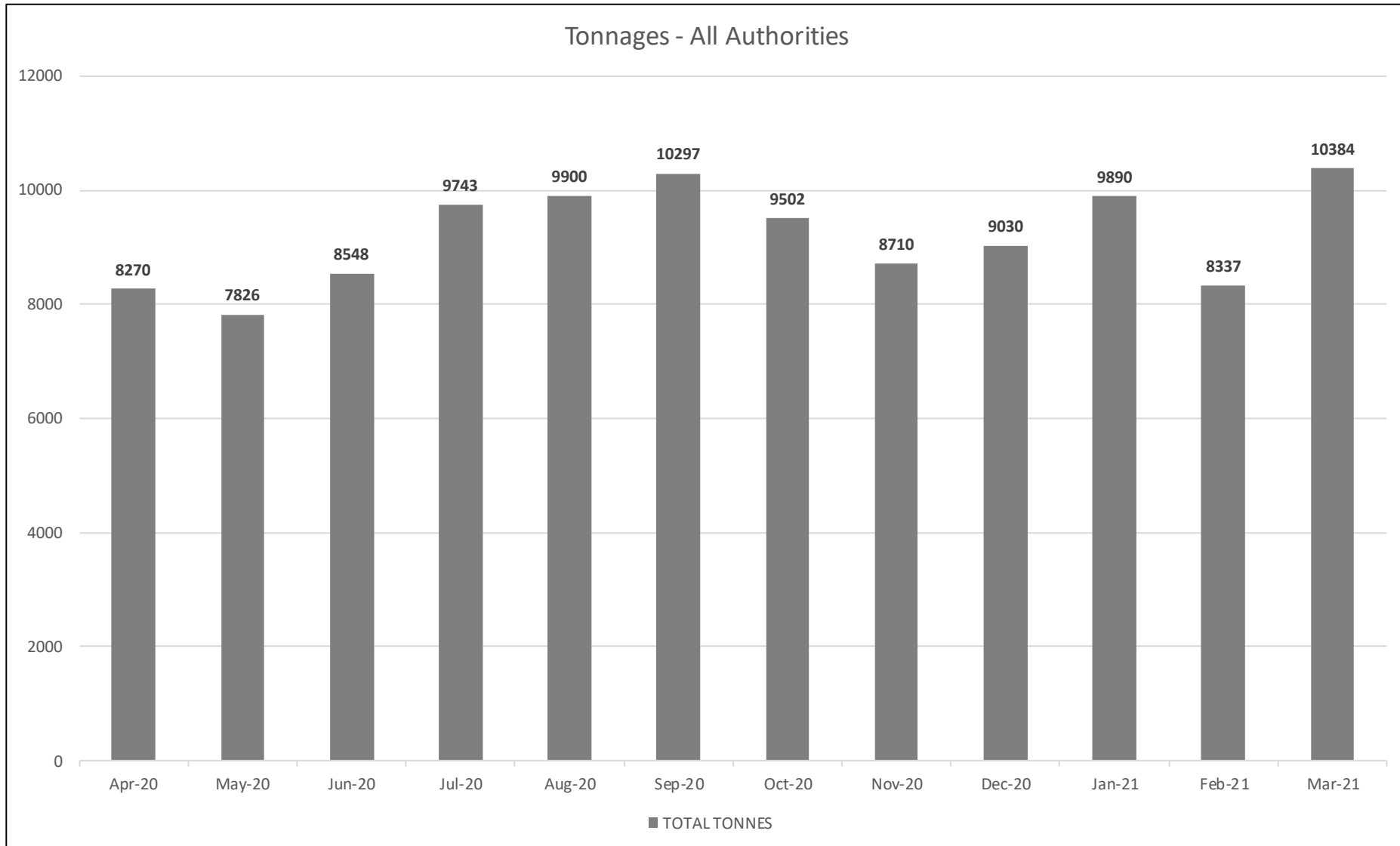
**Background Documents:**

None

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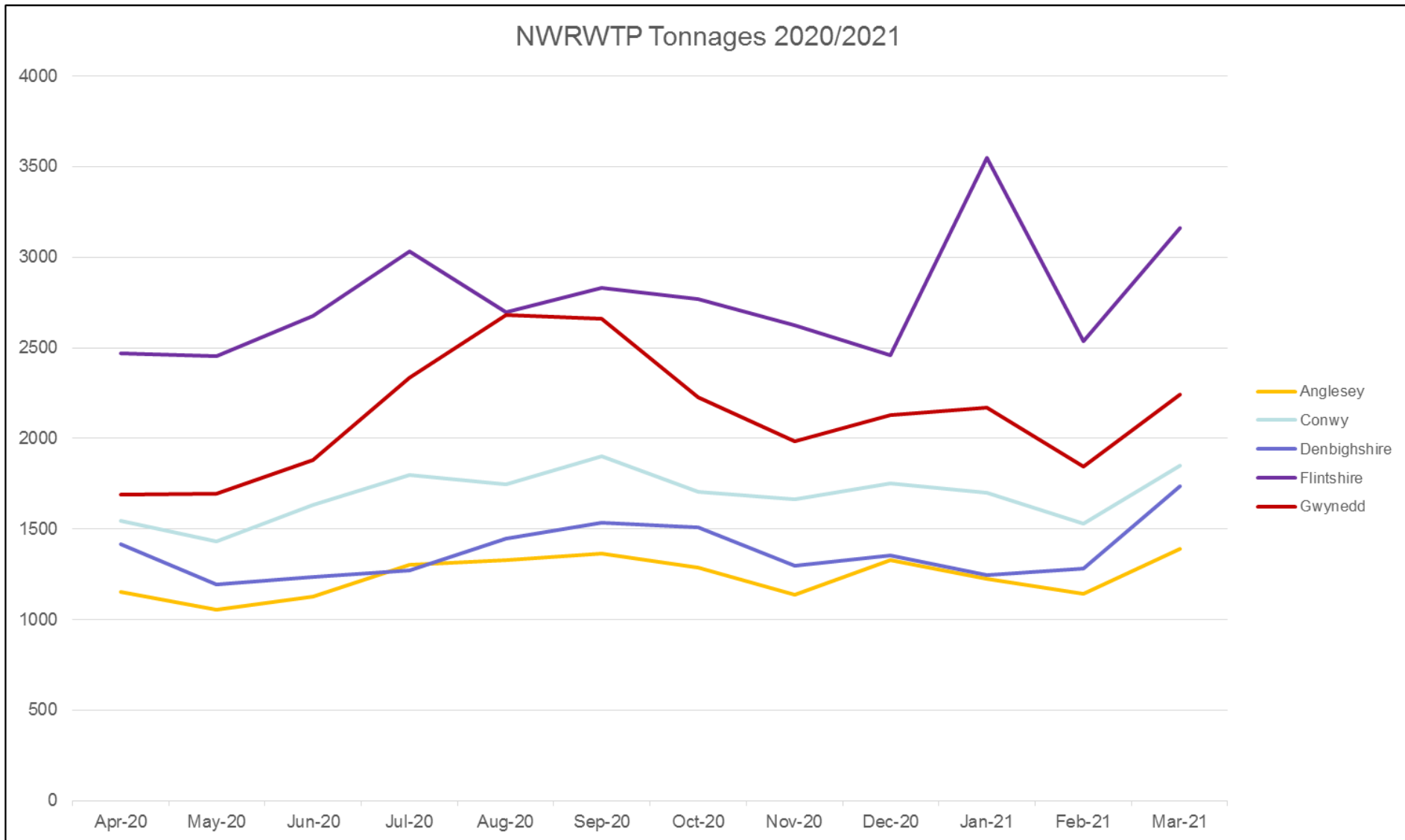


**Appendix 2 – NWRWTP Partnership Tonnage inputs into Parc Adfer – full year 2020/2021**





### NWRWTP Tonnages 2020/2021





**January – April 2020 and January – April 2021 Comparison**

