



SWDWP PFI Project Joint Committee

MVV Environment Devonport Ltd.

19th October 2023

We inspire with
energy.

Service Report April 22 to March 23

Summary:

- Positive year operationally
- No annual maintenance outage
- Visitor numbers and education programmes are approaching and beyond pre-Covid 19 years
- 99.9% of contract waste treated onsite (3.22 tonnes to landfill)





Performance

Contract Year	2019/20	2020/21	2021/22	2022/23
Waste Throughput	267,230	251,038	248,178	261,020
Electricity generated (MWh)	206,136	203,537	196,875	206,915
Steam generated (MWh)	47,480	57,140	50,455	50,610
Availability	93.39%	88.93%	90.2%	93.8%
CO _{2eq} saving	83,565 Tonnes	84,358 Tonnes	81,946 Tonnes	88,118 Tonnes
Unplanned shutdowns	4	6	5	6
Justified Complaints	2	2	3	2



Facility improvements & developments

- Fire roll call integrated with site access system
- Contractor welfare facility complete
- LED lighting upgrade undertaken
- MVV remains committed to exploring district heating opportunities



Working with the partner councils

- Reinforce the waste hierarchy and support delivery of Partner Councils' key waste minimisation messages
- Facilitate tours and careers Q&A sessions
- Organise and attend local events
- Participate in waste education meetings
- Host SWDWP training events



The visitors centre

	2017-18	2018-19	2019-20	2020-21 (virtual alternatives)	2021-22	2022- 23
Hours spent with schools	142.5	266.5	280.5	Development of virtual alternatives 440 students from local schools engaged in virtual tours	129	195.5
Hours spent on waste education	112	138.5	121		33.5	186.5
Hours spent with community groups	130.5	126	87		47	72





Looking forward...



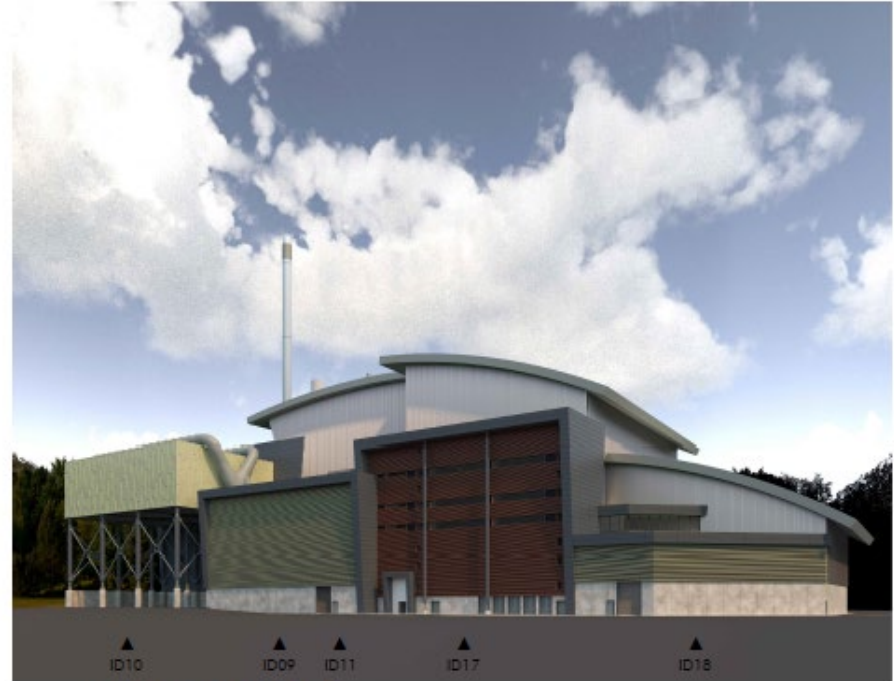
MVV UK developments - Medworth, Wisbech



- Recover useful, sustainable, energy from residual municipal waste
- Divert around half a million tonnes of non-recyclable waste per annum from landfill/export
- Generate over 50 MW of electricity and up to 30 MW of usable steam to supply local industrial customers
- Surplus electricity to the national grid
- Planned operational date: 2027

Canford Project

- Recover useful, sustainable, energy from residual municipal waste
- Divert around 260,000 tonnes of non-recyclable waste per annum from landfill/export
- Generate over 30 MW of electricity and usable steam for local industrial customers
- Surplus electricity to the national grid
- Planned operational date: 2027/8



AS VIEWED FROM THE WEST
NTS



A milestone to greener energy



Thank you for your attention!

Questions

