

HTW BCT, September 19, 2024

Q3 2024 Key Events for OU2 Landfills

- Quarterly Probe Monitoring (completed 8/1-2)
- Erosion mitigation optimization (meeting 7/11/24)
- MCHD Quarterly Inspection (completed 9/13)

Q4 2024 Key Events for OU2 Landfills

- Erosion repair Area F
- Landfill mowing
- Owl nest box cleaning
- MCHD Quarterly Inspection (to be scheduled)



Ahtna

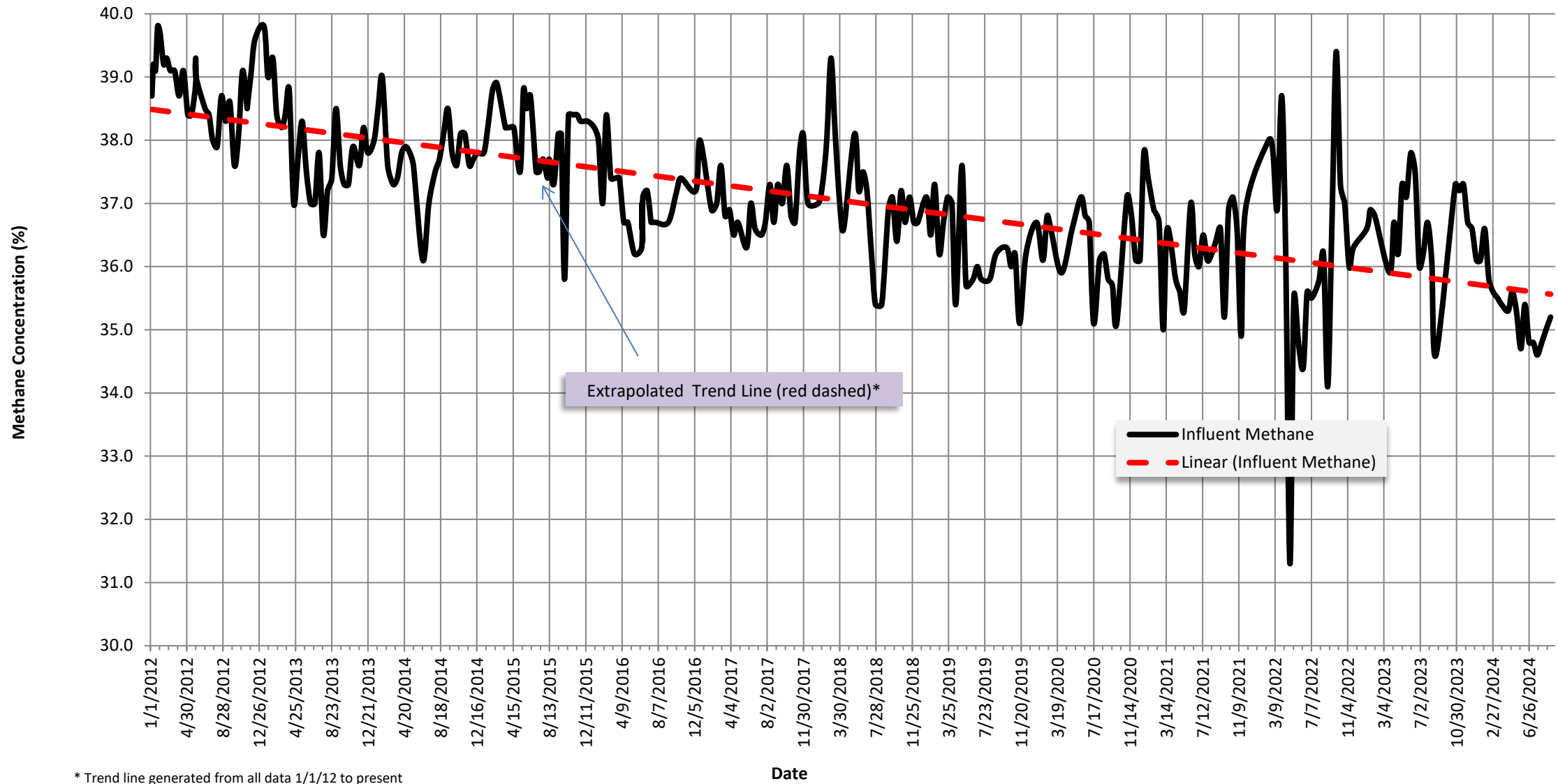
**Thermal Treatment Unit
Operation Summary
2006 - 2024**

Year	Operating Hours	Change from Previous Year	Methane			OU2 Groundwater COCs	
			Pounds Removed	Change from Previous Year	Pounds/week	Pounds Removed	Change from Previous Year
2007	4,035		532,130		10,205	6.2	
2008	2,838	-30%	288,458	-46%	5,532	3.1	-51%
2009	4,493	58%	448,154	55%	8,595	3.4	11%
2010	2,421	-46%	212,681	-53%	4,079	1.3	-62%
2011	2,543	5%	228,082	7%	4,374	1.4	6%
2012	2,509	-1%	229,397	1%	4,399	1.2	-13%
2013	2,116	-16%	187,779	-18%	3,601	1.1	-8%
2014	1,961	-7%	174,427	-7%	3,345	1.0	-11%
2015	2,653	35%	237,571	36%	4,556	1.2	22%
2016	2,039	-23%	178,645	-25%	3,426	0.9	-24%
2017	1,554	-24%	135,711	-24%	2,603	0.5	-45%
2018	1,661	7%	145,174	7%	2,784	0.6	11%
2019	1,324	-20%	113,443	-22%	2,176	0.5	-10%
2020	1,316	-1%	113,095	0%	2,169	1.8	260%
2021	1,149	-13%	99,275	-12%	1,904	1.2	-33%
2022	959	-17%	81,884	-18%	1,570	0.5	-58%
2023	1,094	14%	91,694	12%	1,759	0.6	20%
2024	902	--	75,286		2,067		

**Thermal Treatment Unit
Operation Summary
2006 - 2024**

EXTRACTION SYSTEM (2023)						
Location	Last Instantaneous Methane Reading (%)	Last Instantaneous Flow Rate Reading (scfm)	Current Methane Removal Rate (lbs/day)	2023 % Operation	2021 Methane Removed (Lbs)	% Contribution of Each Extraction Source
Area E						
EP-36	30.8	25.0	454.2	3.3%	36439.1	22%
Area F						
VF-3	41.2	6.6	160.4	3.3%	10964.3	4%
VF-4	47.1	4.5	125.0	3.3%	11137.8	4%
VF-5	45.6	8.5	228.6	3.3%	11339.6	4%
EW-31	29.0	3.3	56.4	2.8%	2392.4	1%
EW-32	37.6	14.1	312.7	3.3%	26,266	16%
EW-33	39.3	14.5	336.1	3.3%	27,748	16%
EW-34	38.2	15.4	347.0	3.3%	31,616	19%
Area D						
VD-2	35.6	5.0	105.0	3.2%	5531.4	2%
VD-3	33.3	2.9	57.0	3.3%	4917.6	2%
MIXED						
MIXED	35.2	96.0	1993.2	3.3%	161880.7	100%

Methane Concentration Time Series Plot
Thermal Treatment Unit Influent
01/01/2012 to present



* Trend line generated from all data 1/1/12 to present