

Former Fort Ord Operable Unit 2 Landfills Data and Status

HTW BCT Meeting, October 10, 2018

September 2018 Key Events for OU2 Landfills

- Quarterly perimeter probe monitoring completed 9/13
- MCHD Landfill inspection 9/17

October 2018 Key Events for OU2 Landfills

- TTU operations.
- Owl box maintenance



Red-tailed hawk with squirrel in talons at OU2 Landfill

Raptor Watch

Ahtna



Red-tailed hawk launching from newly installed raptor perch

**Thermal Treatment Unit
Operation Summary
2006 - 2018**

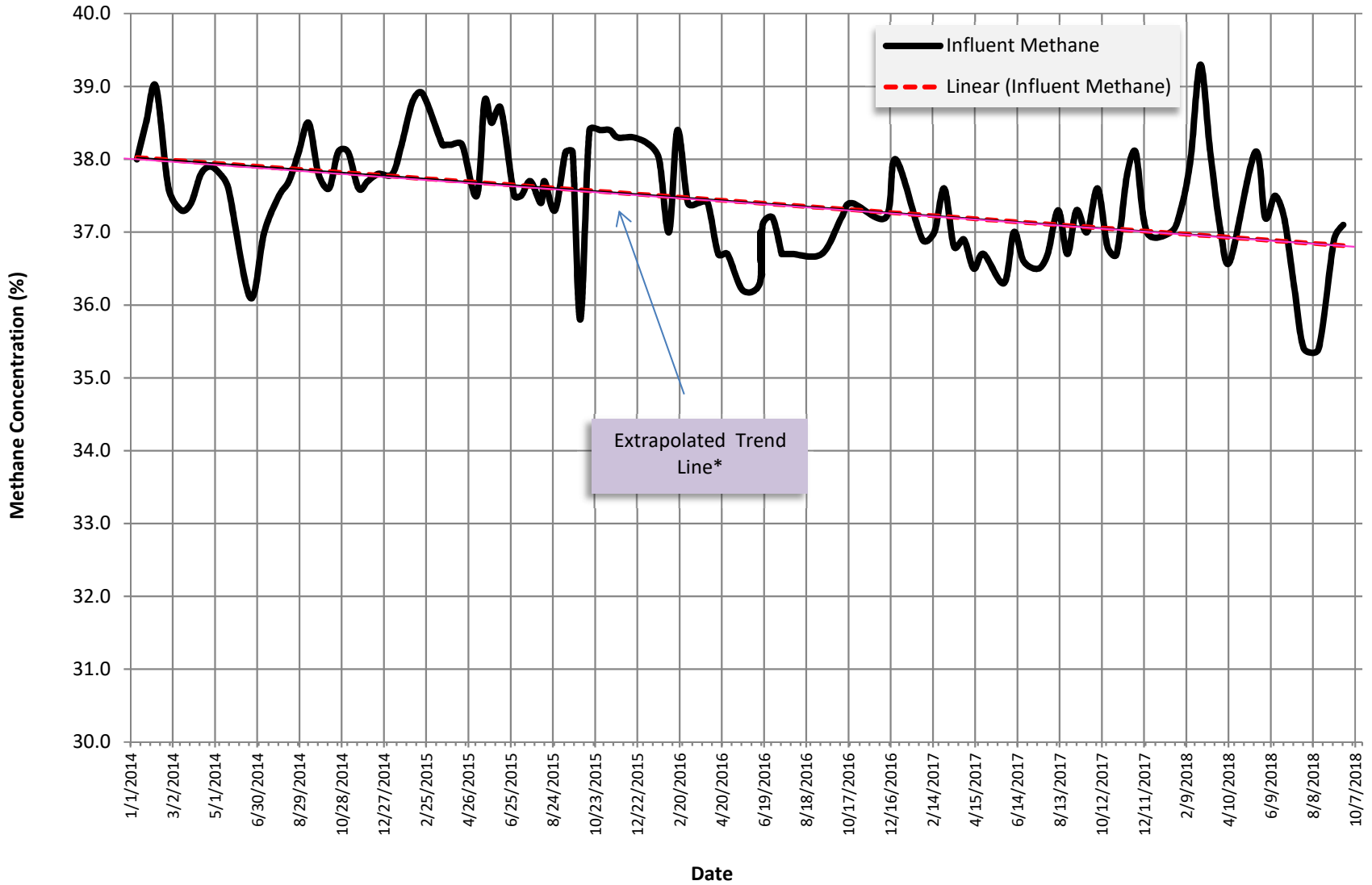
TREATMENT SYSTEM OPERATION SUMMARY	
Treatment System Start Date:	6/4/2001
TTU Start Date:	4/4/2006
Last Reading Date/Time:	9/20/2018 17:05
Historical through 2017 (TTU only):	
Total TTU Hours:	102,912
Total TTU Hours Operated:	33,367
% TTU Operation:	32.4%
Total Pounds of Methane Removed:	3,474,698
Current Year 2018:	
Total Hours:	6,312
Total Hours Operated:	1,257
% TTU Operation:	20%
Total Pounds of Methane Removed:	110,144
Cumulative (since TTU startup in 2006):	
% TTU Operation:	31.7%
Total Pounds of Methane Removed:	3,584,842

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	1.4	-60%
2011	2,543	5%	228,082	7%	4,374	1.4	0%
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	1.3	29%
2016	2,039	-23%	178,645	-25%	3,426	0.9	-28%
2017	1,554	-24%	245,855	38%	4,715	0.6	-52%
2018	1,257		110,144		2,112		

**Thermal Treatment Unit
Operation Summary
2006 - 2018**

EXTRACTION SYSTEM (2018)						
Location	Last Instantaneous Methane Reading (%)	Last Instantaneous Flow Rate Reading (scfm)	Current Methane Removal Rate (lbs/day)	2018 % Operation	2018 Methane Removed (Lbs)	% Contribution of Each Extraction Source
Area E						
EP-36	37.4	25	552	20%	25,446	21%
Area F						
EW-31	31.2	4.0	73.6	19%	2,919	2%
EW-32	36.2	21.0	448.4	20%	21,476	17%
EW-33	37.6	16.0	354.8	19%	17,863	14%
EW-34	36.9	26.0	565.9	19%	32,286	26%
VF-3	40.8	8.0	192.5	20%	7,648	6%
VF-4	47.0	8.0	221.8	20%	7,123	7%
VF-5	46.4	6.0	164.2	20%	3,777	3%
Area D						
VD-2	39.0	4	92	20%	2,565	2%
VD-3	35.2	4.0	83.0	20%	2,352	2%
MIXED						
MIXED	37.1	96.0	2100.8	20%	103,673	100%

Methane Concentration Time Series Plot
OU2 Landfill Extraction Sources
01/01/2014 to present

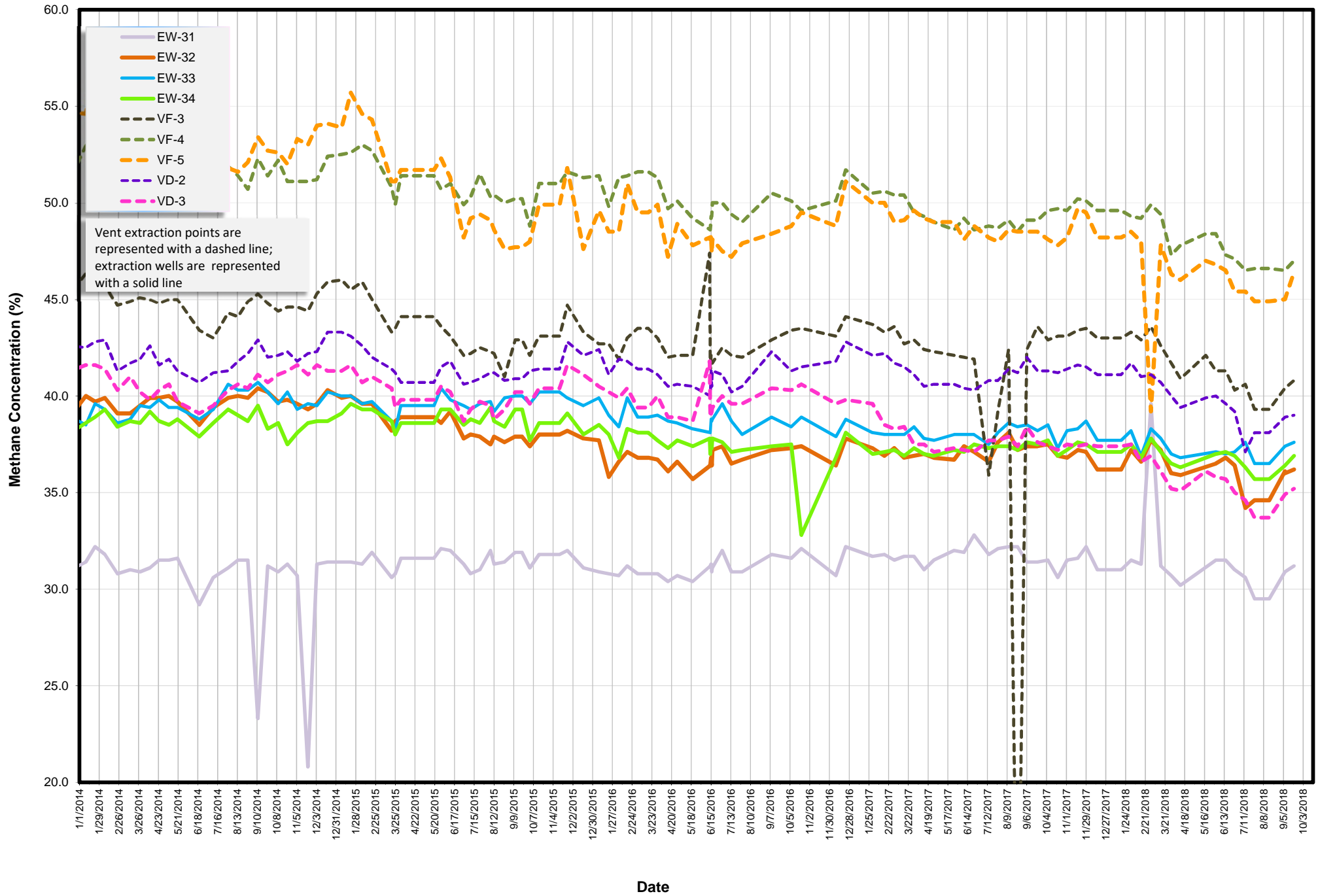


* Trend line generated from all data 1/1/14 to present

Methane Concentration Time Series Plot

OU2 Landfill Individual Extraction Sources

1/1/2014 to present



Methane Concentration Time Series Plot
OU2 Landfill Extraction Legs
1/1/2014 to present

