

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

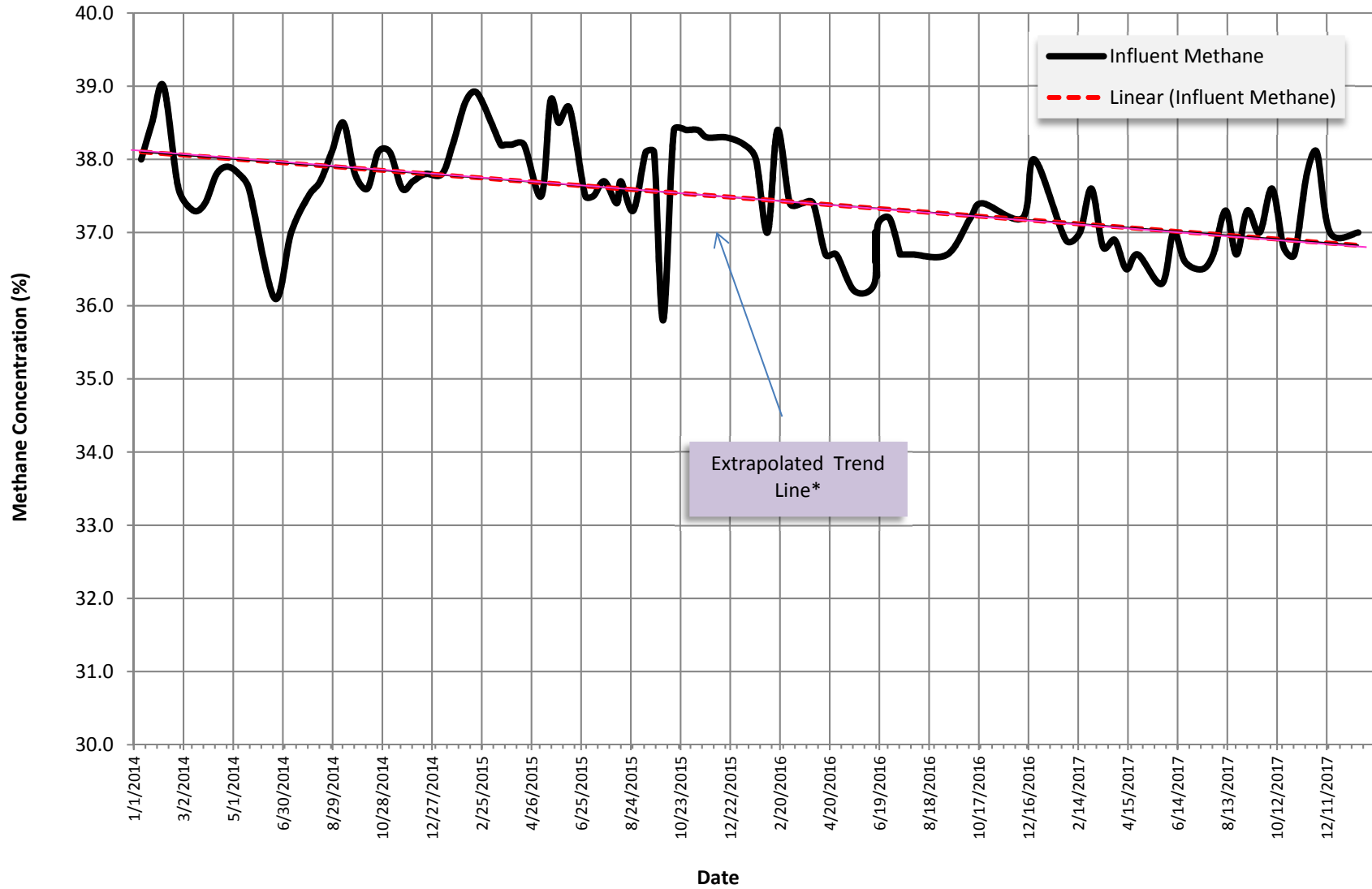
TREATMENT SYSTEM OPERATION SUMMARY	
Treatment System Start Date:	6/4/2001
TTU Start Date:	4/4/2006
Last Reading Date/Time:	1/18/2018 10:43
Historical through 2017 (TTU only):	
Total TTU Hours:	102,912
Total TTU Hours Operated:	32,179
% TTU Operation:	31.3%
Total Pounds of Methane Removed:	3,370,573
Current Year 2018:	
Total Hours:	672
Total Hours Operated:	69
% TTU Operation:	10%
Total Pounds of Methane Removed:	6,020
Cumulative (since TTU startup in 2006):	
% TTU Operation:	31.1%
Total Pounds of Methane Removed:	3,376,593

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%	141,730	-21%	2,718	0.6	-52%
2018	69		0		0	0.6	-33%

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EXTRACTION SYSTEM (2016)						
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	32.9	25	485	17%	1,394	21%
Area F						
EW-31	31.0	5.0	91.4	17%	263	4%
EW-32	36.2	19.0	405.7	17%	1,166	18%
EW-33	37.7	15.0	333.6	17%	958	15%
EW-34	37.1	28.0	612.7	17%	1,760	27%
VF-3	43.0	4.0	101.5	17%	291	4%
VF-4	49.6	6.0	175.5	17%	504	10%
VF-5	48.2	1.0	28.4	17%	82	1%
Area D						
VD-2	41.1	1	24	17%	70	1
VD-3	37.4	1.0	22.1	17%	63	1%
MIXED						
MIXED	37.0	96.0	2095.1	17%	6,019	100%

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

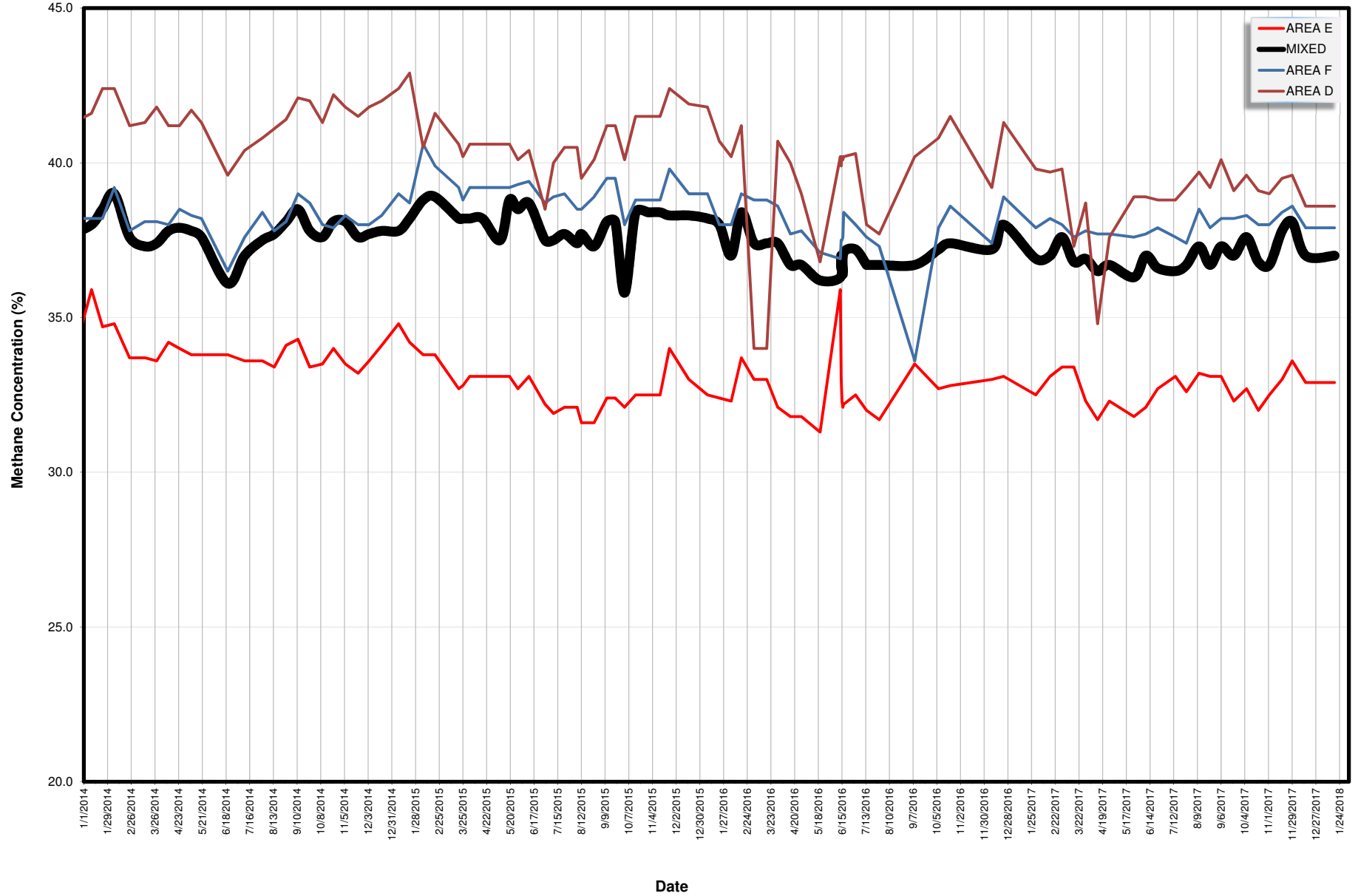


* Trend line generated from all data 1/1/14 to present

Methane Concentration vs. Time

OU2 Landfill Extraction Sources

1/1/2011 to present



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

