

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

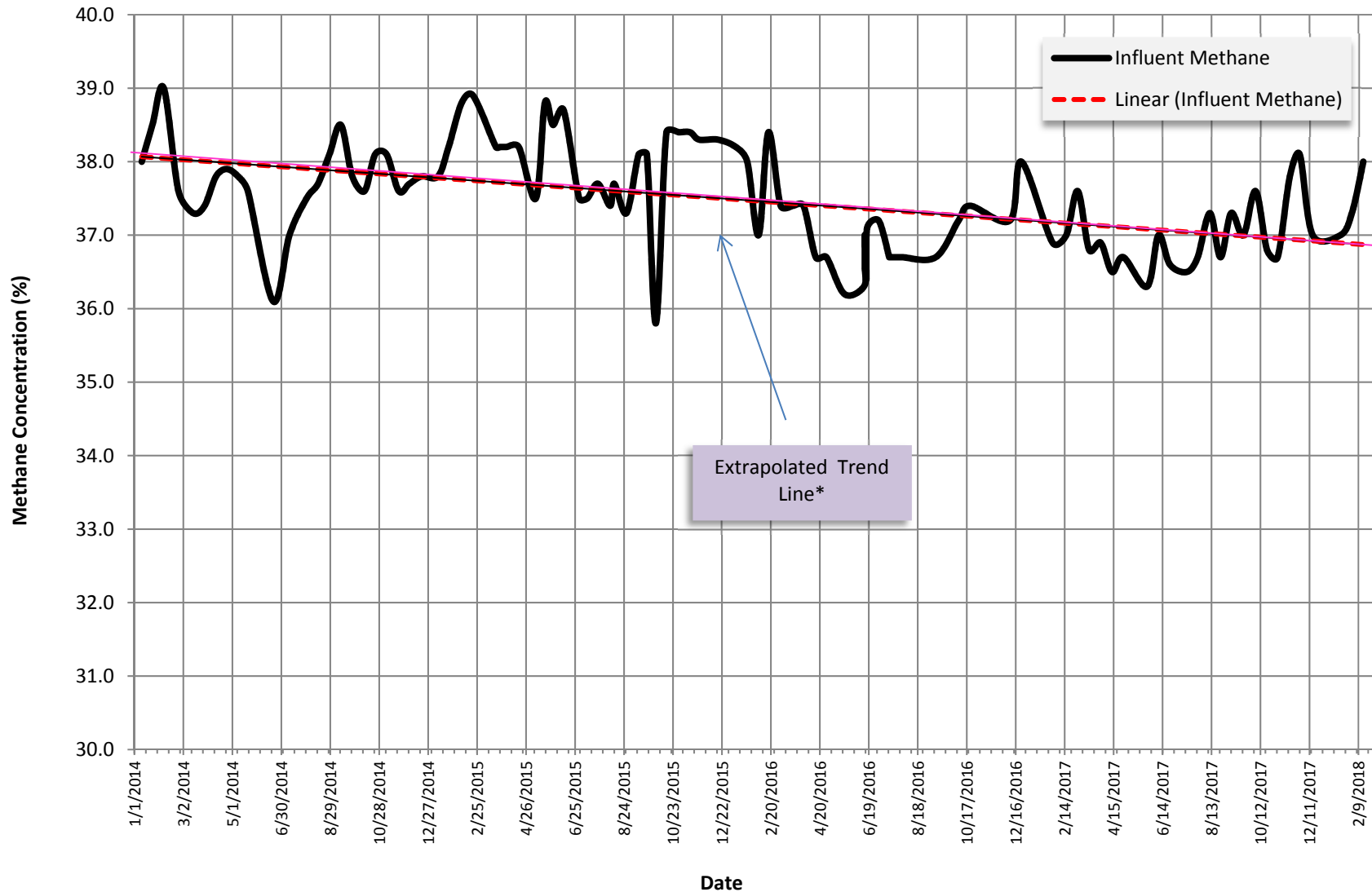
TREATMENT SYSTEM OPERATION SUMMARY	
Treatment System Start Date:	6/4/2001
TTU Start Date:	4/4/2006
Last Reading Date/Time:	2/15/2018 13:50
Historical through 2017 (TTU only):	
Total TTU Hours:	102,912
Total TTU Hours Operated:	32,324
% TTU Operation:	31.4%
Total Pounds of Methane Removed:	3,383,441
Current Year 2018:	
Total Hours:	1,272
Total Hours Operated:	214
% TTU Operation:	17%
Total Pounds of Methane Removed:	18,887
Cumulative (since TTU startup in 2006):	
% TTU Operation:	31.2%
Total Pounds of Methane Removed:	3,402,328

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%	154,598	-13%	2,965	0.6	-52%
2018	214		0		0	0.6	-33%

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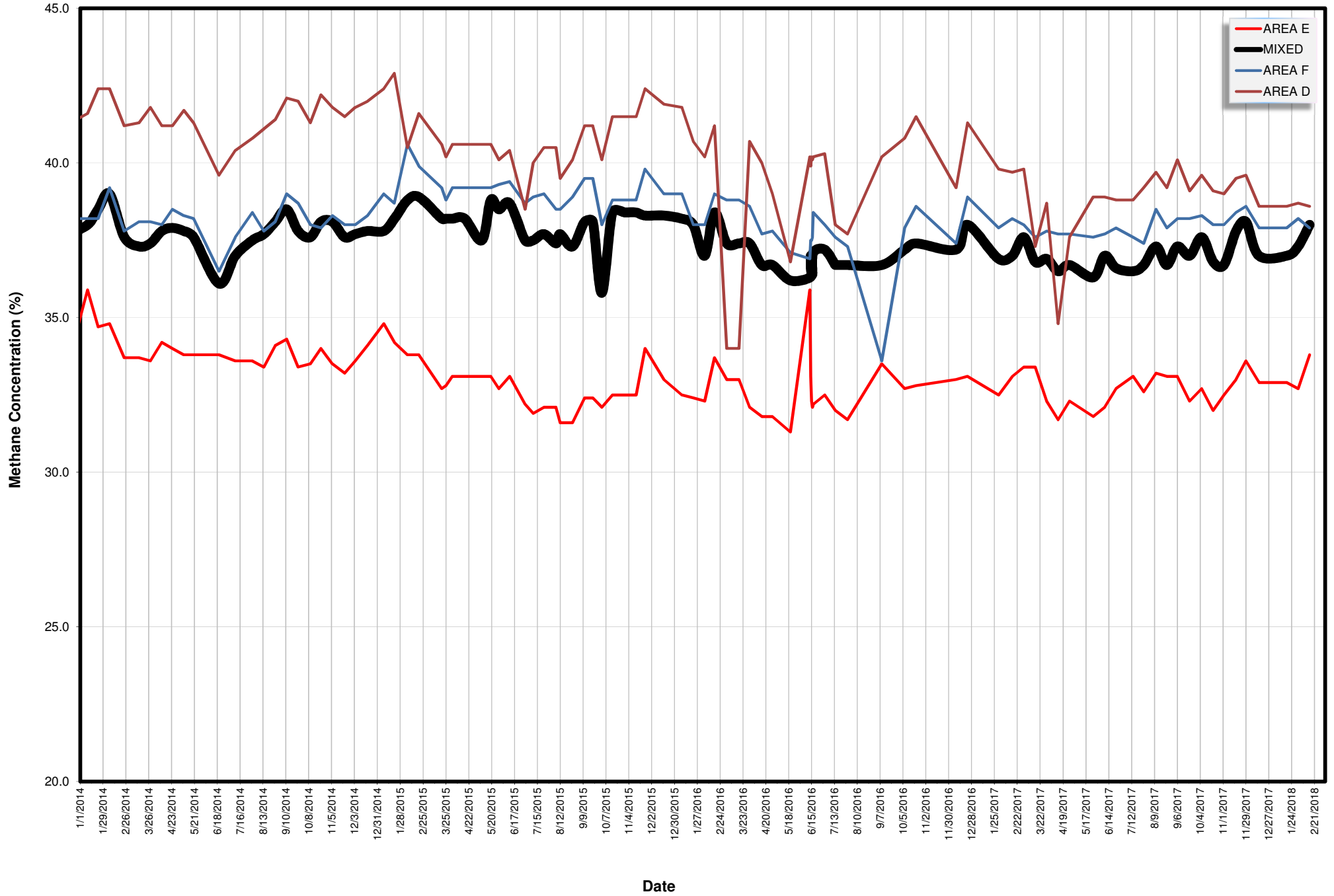
EXTRACTION SYSTEM (2016)						
Location	Last Instantaneous Methane Reading (%)	Last Instantaneous Flow Rate Reading (scfm)	Current Methane Removal Rate (lbs/day)	2018 % Operation	2018 Methane Removed (Lbs)	% Contribution of Each Extraction Source
Area E						
EP-36	33.8	25	498	17%	4,353	21%
Area F						
EW-31	31.3	5.0	92.3	17%	822	4%
EW-32	36.6	23.0	496.5	17%	3,918	19%
EW-33	36.9	17.0	370.0	17%	3,093	15%
EW-34	36.8	31.0	672.9	17%	5,657	27%
VF-3	42.9	6.0	151.8	17%	1,055	5%
VF-4	49.2	8.0	232.2	17%	1,191	7%
VF-5	48.0	1.0	28.3	17%	254	1%
Area D						
VD-2	41.0	5	121	17%	503	2%
VD-3	36.6	3.0	64.8	17%	323	2%
MIXED						
MIXED	38.0	96.0	2151.7	17%	18,887	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 Extraction Legs
1/1/2014 to present



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

