



Looking southeast

Northern Area F erosion repair,
March 30, 2018.



Looking southwest

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

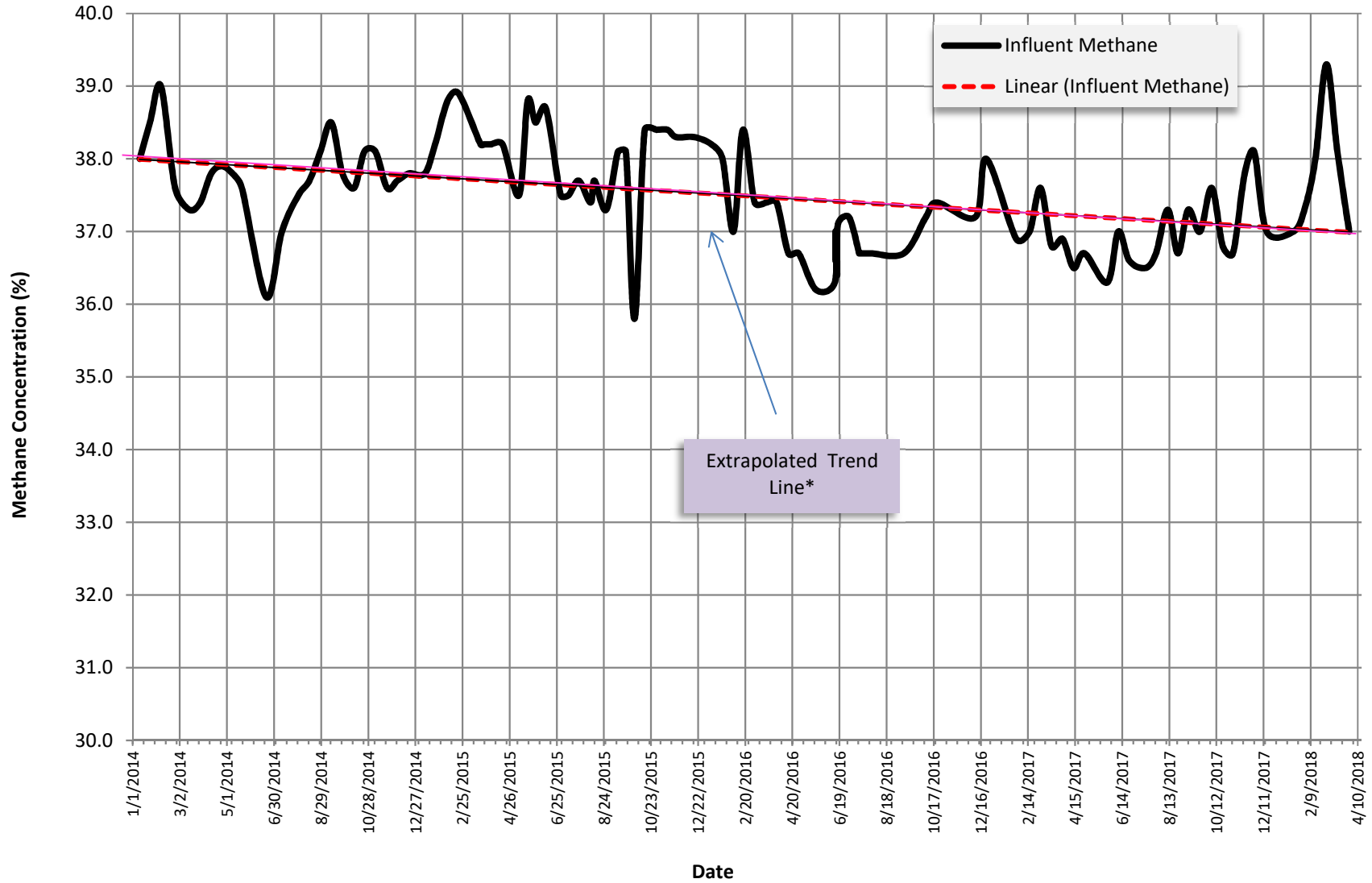
TREATMENT SYSTEM OPERATION SUMMARY	
Treatment System Start Date:	6/4/2001
TTU Start Date:	4/4/2006
Last Reading Date/Time:	3/30/2018 15:46
Historical through 2017 (TTU only):	
Total TTU Hours:	102,912
Total TTU Hours Operated:	32,572
% TTU Operation:	31.7%
Total Pounds of Methane Removed:	3,405,711
Current Year 2018:	
Total Hours:	2,184
Total Hours Operated:	462
% TTU Operation:	21%
Total Pounds of Methane Removed:	41,157
Cumulative (since TTU startup in 2006):	
% TTU Operation:	31.4%
Total Pounds of Methane Removed:	3,446,868

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%	176,868	-1%	3,392	0.6	-52%
2018	462		41,157		789	0.6	-33%

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

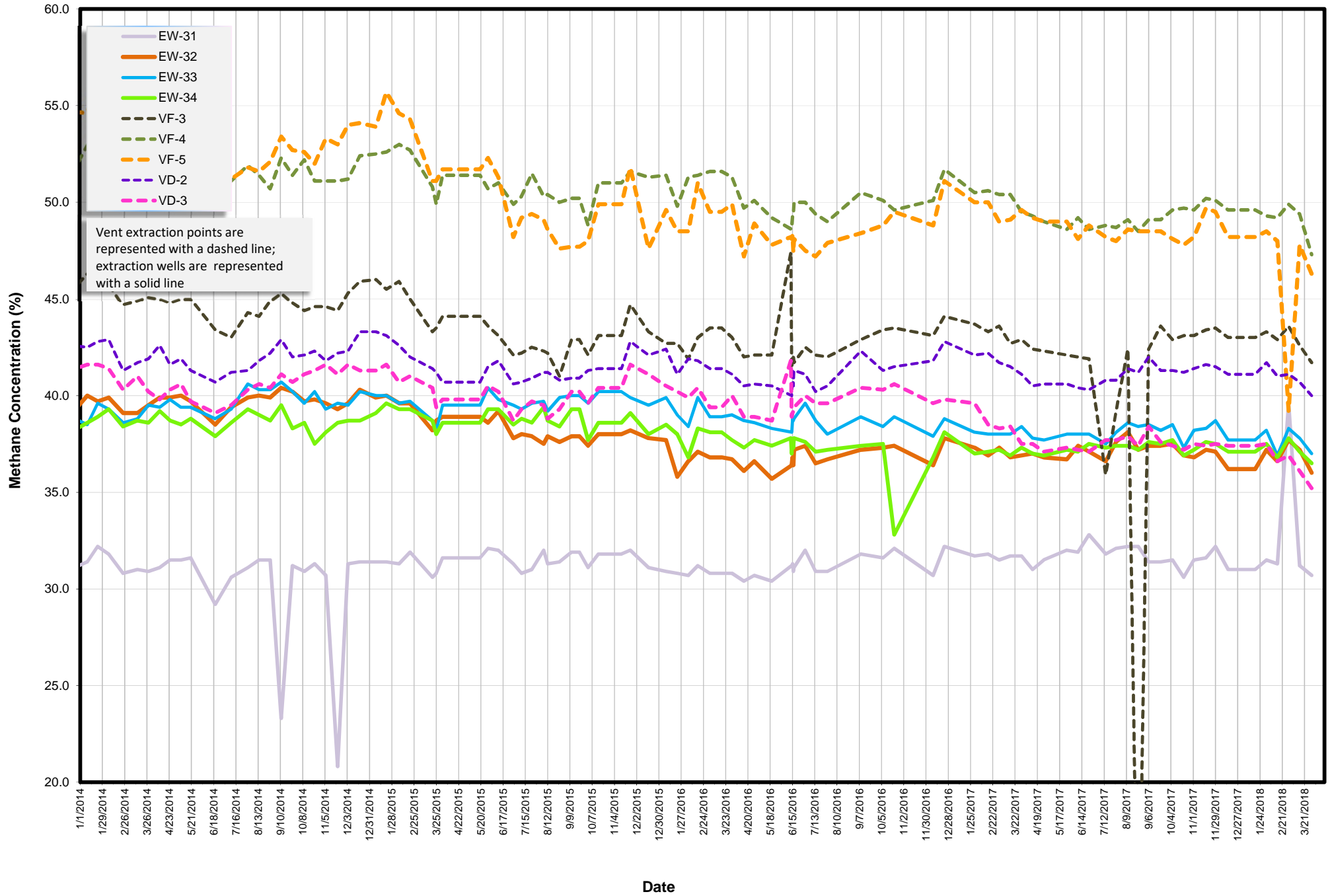
EXTRACTION SYSTEM (2016)						
Location	Last Instantaneous Methane Reading (%)	Last Instantaneous Flow Rate Reading (scfm)	Current Methane Removal Rate (lbs/day)	2018 % Operation	2018 Methane Removed (Lbs)	% Contribution of Each Extraction Source
Area E						
EP-36	35.0	25	516	21%	9,965	21%
Area F						
EW-31	30.7	6.0	108.6	21%	1,740	4%
EW-32	36.0	26.0	552.1	21%	7,825	16%
EW-33	37.0	19.0	414.7	21%	7,317	15%
EW-34	36.5	35.0	753.5	21%	13,646	28%
VF-3	41.7	7.0	172.2	21%	3,033	6%
VF-4	47.3	4.0	111.6	21%	2,831	7%
VF-5	46.3	1.0	27.3	21%	698	1%
Area D						
VD-2	40.0	1	24	21%	971	2%
VD-3	35.2	1.0	20.8	21%	543	1%
MIXED						
MIXED	37.0	96.0	2095.1	21%	41,157	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

