

HTW BCT, March 14, 2019

## February 2019 Key Events for OU2 Landfills

- TTU operations.
- 2019 Q1 Perimeter Probe Monitoring
- Monitor Erosion

## March 2019 Key Events for OU2 Landfills

- TTU operations
- Monitor Erosion



Ahtna

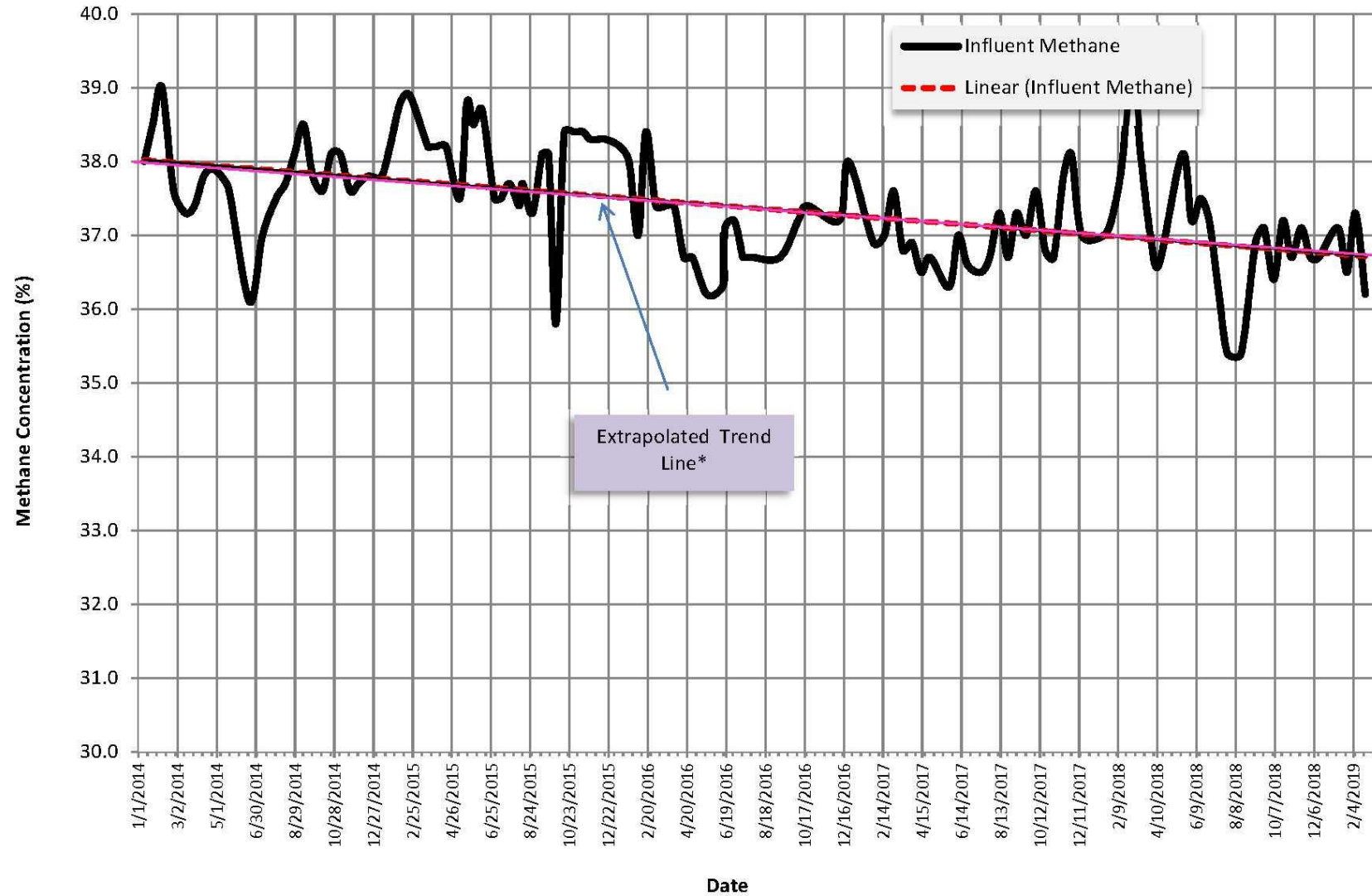
**Thermal Treatment Unit  
Operation Summary  
2006 - 2019**

<b>EXTRACTION SYSTEM (2019)</b>						
<b>Location</b>	<b>Last Instantaneous Methane Reading (%)</b>	<b>Last Instantaneous Flow Rate Reading (scfm)</b>	<b>Current Methane Removal Rate (lbs/day)</b>	<b>2018 % Operation</b>	<b>2018 Methane Removed (Lbs)</b>	<b>% Contribution of Each Extraction Source</b>
<b>Area E</b>						
EP-36	32.1	25.0	473.3	0.2	42216.6	20%
<b>Area F</b>						
EW-31	29.8	1.0	17.6	0.2	3880.6	2%
EW-32	35.3	27.0	562.2	20%	38,609	18%
EW-33	37.7	15.0	333.6	20%	29,935	14%
EW-34	36.1	30.0	638.8	21%	54,656	26%
VF-3	40.4	7.0	166.8	0.2	13408.1	6%
VF-4	47.3	6.0	167.4	0.2	13125.3	6%
VF-5	47.2	1.0	27.8	20%	7162.2	3%
<b>Area D</b>						
VD-2	38.4	1.0	22.6	0.2	4209.8	2%
VD-3	35.4	1.0	20.9	0.2	4013.7	2%
<b>MIXED</b>						
MIXED	36.2	96.0	2049.8	0.2	173759.4	100%

**Thermal Treatment Unit  
Operation Summary  
2006 - 2019**

<b>EXTRACTION SYSTEM (2019)</b>						
<b>Location</b>	<b>Last Instantaneous Methane Reading (%)</b>	<b>Last Instantaneous Flow Rate Reading (scfm)</b>	<b>Current Methane Removal Rate (lbs/day)</b>	<b>2018 % Operation</b>	<b>2018 Methane Removed (Lbs)</b>	<b>% Contribution of Each Extraction Source</b>
<b>Area E</b>						
EP-36	32.1	25.0	473.3	0.2	42216.6	20%
<b>Area F</b>						
EW-31	29.8	1.0	17.6	0.2	3880.6	2%
EW-32	35.3	27.0	562.2	20%	38,609	18%
EW-33	37.7	15.0	333.6	20%	29,935	14%
EW-34	36.1	30.0	638.8	21%	54,656	26%
VF-3	40.4	7.0	166.8	0.2	13408.1	6%
VF-4	47.3	6.0	167.4	0.2	13125.3	6%
VF-5	47.2	1.0	27.8	20%	7162.2	3%
<b>Area D</b>						
VD-2	38.4	1.0	22.6	0.2	4209.8	2%
VD-3	35.4	1.0	20.9	0.2	4013.7	2%
<b>MIXED</b>						
MIXED	36.2	96.0	2049.8	0.2	173759.4	100%

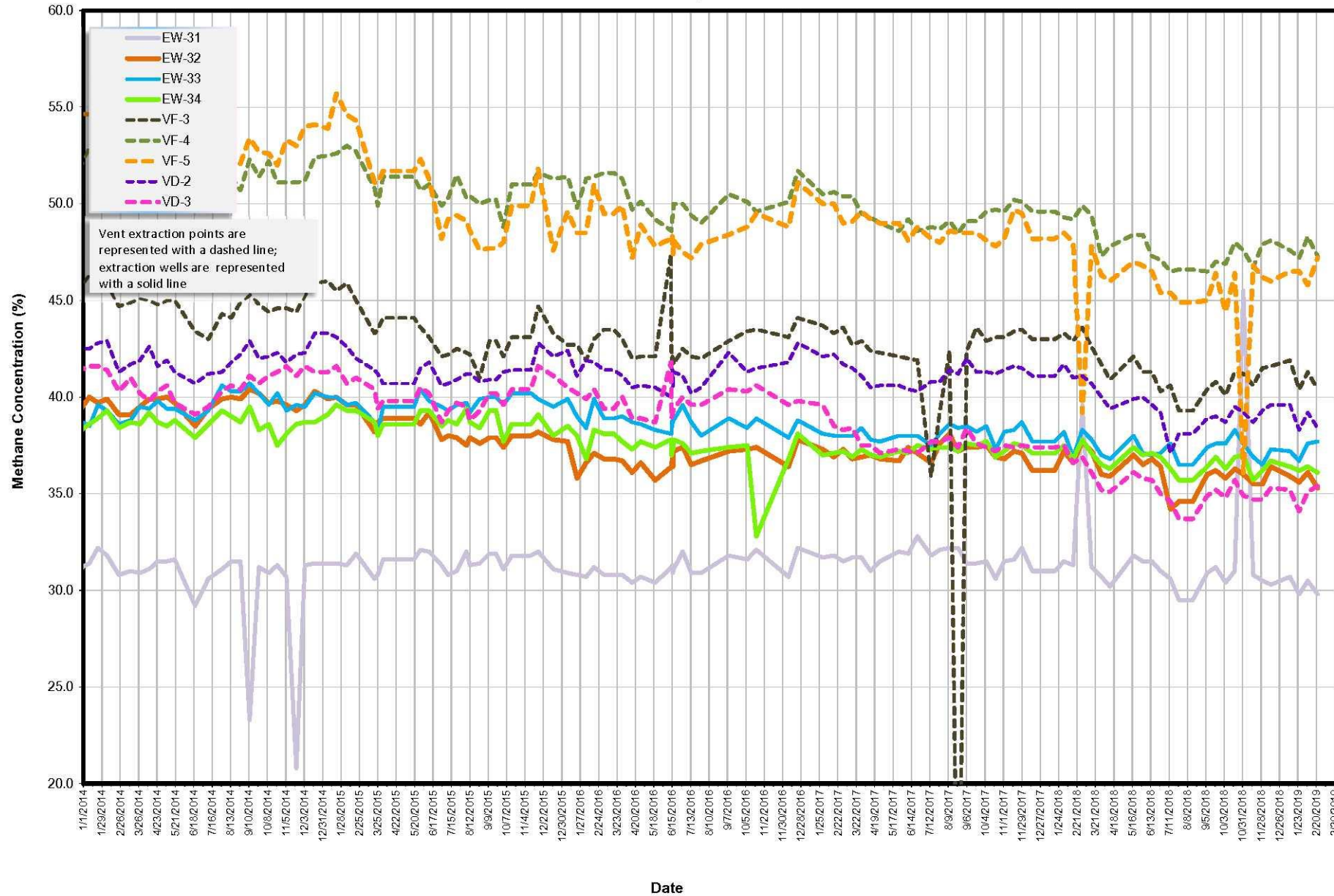
Methane Concentration Time Series Plot  
OU2 Landfill Extraction Sources  
01/01/2014 to present



\* 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 vs. Time OU2 Landfill Extraction Sources 1/1/2011 to present

