



PILOT RUN DATA

Specific Energy & U_o, Overall Heat-Transfer Coefficient

DATE	JOB (D = Demo)	SLUDGE TYPE	FEED %TS	FILL %	PRODUCT %DS	Specific Energy BTU/Lb	U _o Btu/hr/ft ² /°F
10/5/2021	2045D	Aer. Dig.	17.23	80	97.5	1154	12.25
10/6/2021	2045D	Aer. Dig.	17.15	80	95.01	1118	13.01
8/24/2022	2203DH	Aer. Dig.	20.12	75	96.7	1092	13.61
10/7/2021	2045D	Aer. Dig.	17.12	80	98.98	1041	14.33
8/26/2022	2204DH	Aer. Dig.	15.65	75	90.3	1074	14.92
8/30/2022	2205DH	Aer. Dig.	15.88	80	92.89	1067	15.22
8/28/2019	1946D	Aer. Dig.	20.4	75	83.9	1080	15.3
8/26/2019	1946D	Aer. Dig.	20.1	66	96.48	1250	15.3
8/29/2022	2205DH	Aer. Dig.	16.07	75	92.33	1099	15.33
8/27/2019	1946D	Aer. Dig.	20.5	66	92.5	1075	15.4
8/29/2019	1946D	Aer. Dig.	20	75	90.86	1083	15.5
7/24/2019	1762D	Aer. Dig.	13.7	66	96.73	1161	16.8
7/23/2019	1762D	Aer. Dig.	15	75	98.63	1145	16.9
8/22/2022	2202DH	Anaer. Dig.	15.08	75	90.78	1195	10.64
8/23/2022	2202DH	Anaer. Dig.	16.32	75	94.42	1210	11.78
3/1/2019	1848D	Anaer. Dig.	17.9	50	88.8	1163	13.5
8/31/2022	2206DH	Pri./Anaer. Dig.	30.5	75	97.6	1090	12.23
8/20/2022	2201DH	Pri./WAS	28.29	75	91.9	1167	10.17
11/11/2020	2034D	Pri./WAS	19.8	66	98.09	1044	12.5
11/12/2020	2034D	Pri./WAS	18.7	66	87.88	1219	12.6
12/3/2020	2036D	Pri./WAS	24.7	66	97.97	1039	13
12/2/2020	2036D	Pri./WAS	25.68	66	98.8	1164	13
11/17/2020	1962D	Pri./WAS	17.9	66	96.4	1150	13.5
11/18/2020	1962D	Pri./WAS	18.4	75	93.8	1204	16.1
11/19/2020	1962D	Pri./WAS	17.9	75	84.7	1237	16.3
6/18/2020	1960D	Primary	26.8	66	93.1	1158	7.8
9/22/2022	2207DH	Septage/WAS	21.26	75	84.52	1068	9.83
9/20/2022	2207DH	Septage/WAS	24.2	75	96.23	1052	9.87
9/21/2022	2207DH	Septage/WAS	24.09	80	97.89	1043	10.33
6/15/2020	1960D	WAS	21	66	99	1408	8.6
6/16/2020	1960D	WAS	19.7	66	98.3	1206	9

	Avg Spec Energy BTU/lb H ₂ O evap.	Count
Aer. Dig.	1,099	17
Anaer. Dig.	1,169	4
WAS	1,307	2