

Appendix I

Clean Harbors Analytical Data Report

Appendix I

Clean Harbors Physical/Chemical Data

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Table I-1. Waste Feed Physical/Chemical Characteristics (11/12/24)

Time	Run No.	Stream	PFAS Test Feed Stream Name	Instrument Tag No.	Lot#	Cal Value (Btu/lb)	Chloride (mg/L)	Fluoride (mg/L)	Specific Gravity	Viscosity cps
14:15-15:15	1B-1	Educt - Drum	Drum Direct Burn Educt A to Rotary Kiln	FT3018	47513644	1,700	2,000	60	0.91	4
16:00-17:09	1B-2	Educt - Tote	Tote & Drum Direct Burn Educt A to Rotary Kiln	FT5018	47460092	500	2,000	106	1.01	4
18:30-19:31	1C	Corrosive	Corrosive Waste Feed to South ABC	FT3366	47485987	600	2,000	60	1.02	3
		Tanker Direct Burn	Tanker Direct Burn Flow to Rotary Kiln	FT1171	47579824	6,100	2,000	11,860	1.05	15
		Blend T321	Waste Blend Liquid Flow to Rotary Kiln	FT1121	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to North ABC	FT1184	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to South ABC	FT1221	47586644	19,000	6,800	1,740	0.85	10
		Aqueous T308	Aqueous Liquid Flow to North ABC	FT1253	47564375	1,000	13,200	60	0.99	5
			Aqueous Liquid Flow to South ABC	FT1263	47564375	1,000	13,200	60	0.99	5
		Product Fuel T601 UMO	UMO Flow to Rotary Kiln	FT1131		23,900	<200	333	0.92	
			UMO Flow to North ABC	FT1194LB		23,900	<200	333	0.92	
			UMO Flow to South ABC	FT1231		23,900	<200	333	0.92	

Table I-2. Waste Feed Physical/Chemical Characteristics (11/13/24)

Time	Run No.	Stream	PFAS Test Feed Stream Name	Instrument Tag No.	Lot#	Cal Value (Btu/lb)	Chloride (mg/L)	Fluoride (mg/L)	Specific Gravity	Viscosity cps
9:00-12:49	1A	Educt - Drum	Drum Direct Burn Educt A to Rotary Kiln	FT3018	47513644	1,700	2,000	60	0.91	4
14:30 - 18:03	2A	Educt - Tote	Tote & Drum Direct Burn Educt A to Rotary Kiln	FT5018	47460092	500	2,000	106	1.01	4
13:45-14:45	2B	Corrosive	Corrosive Waste Feed to South ABC	FT3366	47485987	600	2,000	60	1.02	3
15:05-16:05	2C	Tanker Direct Burn	Tanker Direct Burn Flow to Rotary Kiln	FT1171	47579824	6,100	2,000	11,860	1.05	15
		Blend T321	Waste Blend Liquid Flow to Rotary Kiln	FT1121	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to North ABC	FT1184	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to South ABC	FT1221	47586644	19,000	6,800	1,740	0.85	10
		Aqueous T308	Aqueous Liquid Flow to North ABC	FT1253	47564375	1,000	13,200	60	0.99	5
			Aqueous Liquid Flow to South ABC	FT1263	47564375	1,000	13,200	60	0.99	5
		Product Fuel T601 UMO	Fuel Oil/UMO Flow to Rotary Kiln	FT1131		23,900	<200	333	0.92	
			Fuel Oil/UMO Flow to North ABC	FT1194LB		23,900	<200	333	0.92	
			Fuel Oil/UMO Flow to South ABC	FT1231		23,900	<200	333	0.92	

Table I-3. Waste Feed Physical/Chemical Characteristics (11/14/24)

Time	Run No.	Stream	PFAS Test Feed Stream Name	Instrument Tag No.	Lot#	Cal Value (Btu/lb)	Chloride (mg/L)	Fluoride (mg/L)	Specific Gravity	Viscosity cps
8:30-12:29	3A	Educt - Drum	Drum Direct Burn Educt A to Rotary Kiln	FT3018	47513644	1,700	2,000	60	0.91	4
16:15-17:15	3B	Educt - Tote	Tote & Drum Direct Burn Educt A to Rotary Kiln	FT5018	47460092	500	2,000	106	1.01	4
17:30-18:30	3C	Corrosive	Corrosive Waste Feed to South ABC	FT3366	47444722	500	2,000	60	1.01	3
		Tanker Direct Burn	Tanker Direct Burn Flow to Rotary Kiln	FT1171	47579824	6,100	2,000	11,860	1.05	15
		Blend T321	Waste Blend Liquid Flow to Rotary Kiln	FT1121	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to North ABC	FT1184	47586644	19,000	6,800	1,740	0.85	10
			Blend Liquid Flow to South ABC	FT1221	47586644	19,000	6,800	1,740	0.85	10
		Aqueous T308	Aqueous Liquid Flow to North ABC	FT1253	47564375	1,000	13,200	60	0.99	5
			Aqueous Liquid Flow to South ABC	FT1263	47564375	1,000	13,200	60	0.99	5
		Product Fuel T601 UMO	Fuel Oil/UMO Flow to Rotary Kiln	FT1131		23,900	<200	333	0.92	
			Fuel Oil/UMO Flow to North ABC	FT1194LB		23,900	<200	333	0.92	
			Fuel Oil/UMO Flow to South ABC	FT1231		23,900	<200	333	0.92	