



GOLETA SANITARY

Water Resource Recovery District

Board of Directors:

February 20, 2026

Steven T. Majoewsky
President

Dean Nevins, PhD.

Santa Barbara County APCD

Jonathan Frye

ATTN: Annual Reports

Edward Fuller

260 N. San Antonio Road, Suite A
Santa Barbara, California 93110-1315

Joseph Glancy

Subject: Goleta Sanitary District 2025 Annual Report

Steve D. Wagner, PE
General Manager

Facility ID# 01528, 11309 and 11652

Dear Sir or Madam,

In accordance with PTO# 08561-R11, 13447-R4 and 15229-R1, attached is the Goleta Sanitary District's 2025 Consolidated Annual Report. If there are any questions, please contact Ms. Lena Cox at (805)-967-4519.

Sincerely,

Steve D. Wagner, PE
General Manager/District Engineer

Goleta Sanitary District

Air Pollution Control Consolidated Annual 2025 Report

Facility ID # 01528

PTO #08561-R11

And

Facility ID # 11309

PTO # 13447-R4

And

Facility ID # 11652

PTO #15229-R1

County of Santa Barbara Air Pollution Control District

Submitted by: Steve D. Wagner, PE

General Manager/District Engineer

Summary

The following information summarizes the compliance and reporting measures taken by Goleta Sanitary District (GSD) for calendar year 2025. GSD operates the regional water resource recovery facility located at One William Moffett Place in Goleta, CA. The corresponding facility ID #01528 was using PTO #08561-R11 during 2025. In addition, GSD currently has a permit for facility ID #11652 using PTO #15229-R1. GSD also operates an offsite wastewater pumping station located at 101 John Donaldson in Santa Barbara, CA. The corresponding facility ID #11309 was using PTO #13447-R4. During the calendar year of 2025 Goleta Sanitary District met the conditions in the previously mentioned permits.

Digester Gas System

In compliance with PTO #08561-R11, GSD monitored its anaerobic digestion system, and all related appurtenances making daily checks ensuring that there were no leaks or equipment malfunctions. The sulfur content of the digester gas was monitored daily between the hours of 4-11 a.m. using colorimetric gas tubes. The hydrogen sulfide annual average was 98 ppm. Attached is the list of daily readings and the time in which they were taken. The moving weekly average and annual averages are also included in the table located in the attachments. The digester gas Heating Value Measurement was taken in accordance with the ASTM D-1945 method and the average of the tests was found to be 602 BTU/cf. The full fuel analysis report is included in the attachments.

Digester Gas Flare

In compliance with PTO #08561-R11, GSD operated the digester gas primary flare 365 days of 2025. During this time a flame was always present in the flare and the opacity level never exceeded a shade of No. 1 on the Ringelmann Chart for any amount of time. The standby flare was operated once during the year for calibration of the gas meter totaling of 39,338 SCF. All calibration records for the flare gas flow meters are included in the attachments. The flow of digester gas never exceeded the limit of 187,000 scf/day. All reportable flow measurements are included in the following attachments.

Digester Gas Fired Boilers

In compliance with PTO #08561-R11, GSD operated its digester gas boiler #2 (Device ID: 38861) a total of 49 days in 2025. The volume of digester gas burned by the boiler never exceeded the daily maximum of 83,630 SCF. The boiler was checked daily for proper operation.

The monthly total gas combusted in the boiler and the number of days in each month that the boiler operated was recorded and is included in the following attachments. The most recent calibration records for the boiler digester gas flow meters are included in the following attachments. Boiler #2 was tuned to factory specifications by Industrial Boiler, Dan Withrow, on June 6, 2025.

Odor Control System

In compliance with PTO #08561-R11, GSD operated the carbon canister odor control system 365 days of the year in accordance with the manufacturer's recommendations. Both odor control carbon canisters were checked for hydrogen sulfide breakthrough on a monthly basis. During the reporting period there was not any measurable breakthrough. The monthly sample numbers and dates are included in the following attachments.

Diesel Fired Emergency Standby Generators

In compliance with PTO # 08561-R11 and PTO #13447-R4, GSD operated its emergency standby generators. Generator 1 was operated for 17.5 hours during maintenance and testing. Generator 2 was operated for 18.2 hours for maintenance and testing. Firestone pumping station's emergency generator was operated for 0.2 hours during emergency use and 21.1 hours for maintenance and testing. An ENF-92 form is included in the following attachments for each generator. Also included is a letter of conformance from both of the diesel suppliers demonstrating that all fuel used meets the requirements of the ATCM.

Organic Materials to Energy Project

Twenty two devices associate with PTO #15229-R1 were removed from the site during 2024. The following devices are no longer located at GSD: #393313, Flare; #394740, Auger Motor; #394741, Hammer Motor; #394742, Slurry Pump, #393318, Pipe Fan 1, #393336, Pipe Fan 4; #393322, Mixer 1; #393323, Mixer 2; #393324, Mixer 3; #393325, Cake/Sludge Pump; #393329, Tube Pump 1; #393330, Tube Pump 2; #393331, Tube Pump 3; #393332, Membrane/Tube Pump 1; #393333, Membrane/Tube Pump 2; #393338, Feed Tank; #393339, Digester 1; #393340, Digester 2; #393341, Digestate Storage Tank; #393342, Holding/Refeed Tank 1; #393343, Holding/Refeed Tank 2; and #394744, Engine. The approximate volume of propane used exclusively in the boiler during 2025 was 8,600 cubic ft. The propane fuel analysis report is included in the attachments.

List of Attachments

- 1) Digester Gas Sulfur Content Monitoring (3 pages)
- 2) Certificate of Analysis, Digester Heating value (4 pages)
- 3) Boiler and Flare Monitoring (1 page)
- 4) Boiler #2 Tune-Up (1 page)
- 5) Mass Flow Meter Calibration Certificate, Primary Flare - New (2 page)
- 6) Mass Flow Meter Calibration Certificate, Standby Flare - Old (2 page)
- 7) Mass Flow Meter Calibration Certificate, Boiler #2 (1 pages)
- 8) Odor Control Breakthrough Monitoring (1 page)
- 9) ENF-92 Generator #1 (2 page)
- 10) ENF-92 Generator #2 (2 page)
- 11) ENF-92 Firestone Pump Station Generator (3 page)
- 12) Letter of Conformance for the ATCM, Diesel Fuel (2 pages)
- 13) Propane Heating Value Analysis Report (1 page)

All Reading in PPM hydrogen sulfide using a colorimetric gas tube.

Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg
01/01/25	70	1,010	90	02/01/25	150	1,008	146	03/01/25	125	746	116	04/01/25	80	1,045	73
01/02/25	90	1,000	89	02/02/25	160	1,014	154	03/02/25	90	1,000	113	04/02/25	80	1,003	70
01/03/25	100	750	89	02/03/25	140	1,010	160	03/03/25	100	958	109	04/03/25	80	1,005	71
01/04/25	100	910	89	02/04/25	250	957	176	03/04/25	110	957	107	04/04/25	80	712	71
01/05/25	80	1,013	89	02/05/25	180	1,003	174	03/05/25	100	753	104	04/05/25	80	1,005	76
01/06/25	90	1,000	89	02/06/25	110	1,030	163	03/06/25	100	1,010	104	04/06/25	60	1,024	77
01/07/25	90	1,010	89	02/07/25	75	1,001	152	03/07/25	75	1,010	100	04/07/25	70	955	76
01/08/25	95	707	92	02/08/25	75	1,016	141	03/08/25	75	955	93	04/08/25	70	955	74
01/09/25	100	802	94	02/09/25	90	1,015	131	03/09/25	90	1,020	93	04/09/25	100	754	77
01/10/25	105	750	94	02/10/25	90	955	124	03/10/25	100	1,018	93	04/10/25	100	736	80
01/11/25	105	805	95	02/11/25	110	1,000	104	03/11/25	100	955	91	04/11/25	120	1,047	86
01/12/25	90	1,013	96	02/12/25	130	728	97	03/12/25	80	1,042	89	04/12/25	100	1,025	89
01/13/25	100	1,008	98	02/13/25	150	1,005	103	03/13/25	95	728	88	04/13/25	100	1,030	94
01/14/25	100	1,010	99	02/14/25	200	726	121	03/14/25	125	730	95	04/14/25	100	1,003	99
01/15/25	100	1,005	100	02/15/25	150	1,045	131	03/15/25	100	818	99	04/15/25	110	1,030	104
01/16/25	100	806	100	02/16/25	160	1,018	141	03/16/25	80	1,015	97	04/16/25	100	958	104
01/17/25	95	845	99	02/17/25	120	1,008	146	03/17/25	80	957	94	04/17/25	80	1,045	101
01/18/25	95	838	97	02/18/25	130	958	149	03/18/25	100	1,003	94	04/18/25	110	1,055	100
01/19/25	70	1,001	94	02/19/25	120	958	147	03/19/25	50	1,013	90	04/19/25	100	1,010	100
01/20/25	100	1,036	94	02/20/25	150	1,056	147	03/20/25	80	1,005	88	04/20/25	110	1,010	101
01/21/25	100	958	94	02/21/25	180	809	144	03/21/25	80	745	81	04/21/25	160	1,048	110
01/22/25	90	1,015	93	02/22/25	150	1,007	144	03/22/25	75	1,012	78	04/22/25	120	1,010	111
01/23/25	120	1,015	96	02/23/25	110	1,002	137	03/23/25	100	1,015	81	04/23/25	100	1,018	111
01/24/25	90	830	95	02/24/25	130	958	139	03/24/25	70	1,007	79	04/24/25	100	711	114
01/25/25	110	1,015	97	02/25/25	120	1,015	137	03/25/25	80	1,005	76	04/25/25	110	1,003	114
01/26/25	100	1,018	101	02/26/25	125	1,005	138	03/26/25	100	813	84	04/26/25	90	1,040	113
01/27/25	100	1,005	101	02/27/25	100	1,030	131	03/27/25	75	1,015	83	04/27/25	90	1,015	110
01/28/25	140	1,005	107	02/28/25	100	1,003	119	03/28/25	75	1,012	82	04/28/25	100	1,015	101
01/29/25	190	1,005	121					03/29/25	50	1,047	79	04/29/25	100	1,000	99
01/30/25	190	1,005	131					03/30/25	50	1,055	71	04/30/25	75	853	95
01/31/25	150	1,008	140					03/31/25	80	1,020	73				
Month Avg	105			Month Avg	134			Month Avg	87			Month Avg	96		

Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg
05/01/25	75	1,015	91	06/01/25	80	1,013	97	07/01/25	70	1,017	83	08/01/25	90	1,003	99
05/02/25	100	1,012	90	06/02/25	90	925	101	07/02/25	70	1,000	79	08/02/25	100	955	99
05/03/25	90	1,045	90	06/03/25	90	1,015	100	07/03/25	100	1,003	79	08/03/25	100	1,008	99
05/04/25	70	1,017	87	06/04/25	90	1,010	99	07/04/25	70	823	74	08/04/25	100	1,030	99
05/05/25	100	955	87	06/05/25	85	749	98	07/05/25	45	847	72	08/05/25	100	1,045	97
05/06/25	110	1,005	89	06/06/25	100	1,018	91	07/06/25	85	900	73	08/06/25	90	1,005	96
05/07/25	100	811	92	06/07/25	90	1,045	89	07/07/25	100	515	77	08/07/25	100	1,002	97
05/08/25	100	715	96	06/08/25	70	735	88	07/08/25	100	1,010	81	08/08/25	100	1,049	99
05/09/25	100	703	96	06/09/25	90	958	88	07/09/25	80	1,032	83	08/09/25	100	1,027	99
05/10/25	100	707	97	06/10/25	90	1,030	88	07/10/25	100	1,010	83	08/10/25	80	1,032	96
05/11/25	100	1,011	101	06/11/25	80	958	86	07/11/25	140	1,008	93	08/11/25	120	953	99
05/12/25	70	1,010	97	06/12/25	70	945	84	07/12/25	90	1,000	99	08/12/25	100	1,007	99
05/13/25	80	1,012	93	06/13/25	100	710	84	07/13/25	90	1,005	100	08/13/25	120	1,003	103
05/14/25	100	955	93	06/14/25	100	630	86	07/14/25	70	1,031	96	08/14/25	110	1,005	104
05/15/25	100	850	93	06/15/25	70	1,015	86	07/15/25	100	1,006	96	08/15/25	100	1,011	104
05/16/25	100	734	93	06/16/25	60	1,006	81	07/16/25	140	1,010	104	08/16/25	80	1,016	101
05/17/25	100	800	93	06/17/25	80	1,020	80	07/17/25	90	940	103	08/17/25	130	955	109
05/18/25	100	1,002	93	06/18/25	100	958	83	07/18/25	80	1,005	94	08/18/25	110	1,020	107
05/19/25	80	957	94	06/19/25	75	802	84	07/19/25	80	958	93	08/19/25	120	945	110
05/20/25	60	1,009	91	06/20/25	100	630	84	07/20/25	100	1,020	94	08/20/25	115	815	109
05/21/25	90	1,015	90	06/21/25	95	745	83	07/21/25	100	800	99	08/21/25	105	815	109
05/22/25	100	724	90	06/22/25	100	650	87	07/22/25	100	1,047	99	08/22/25	100	1,021	109
05/23/25	100	1,015	90	06/23/25	100	1,017	93	07/23/25	100	1,025	93	08/23/25	100	1,013	111
05/24/25	100	1,018	90	06/24/25	75	1,010	92	07/24/25	80	1,007	91	08/24/25	110	758	109
05/25/25	70	1,002	86	06/25/25	100	1,005	92	07/25/25	100	1,017	94	08/25/25	125	1,025	111
05/26/25	60	1,011	83	06/26/25	100	707	96	07/26/25	100	955	97	08/26/25	150	1,000	115
05/27/25	100	1,000	89	06/27/25	100	810	96	07/27/25	100	950	97	08/27/25	140	1,015	119
05/28/25	100	1,007	90	06/28/25	60	812	91	07/28/25	100	755	97	08/28/25	110	1,014	119
05/29/25	90	732	89	06/29/25	80	800	88	07/29/25	110	1,020	99	08/29/25	100	1,025	119
05/30/25	150	835	96	06/30/25	70	1,023	84	07/30/25	100	1,003	99	08/30/25	80	957	116
05/31/25	100	1,046	96					07/31/25	90	1,023	100	08/31/25	70	1,005	111
Month Avg	93			Month Avg	86			Month Avg	93			Month Avg	105		

Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Time	7 Day Avg
09/01/25	70	1,042	103	10/01/25	90	955	93	11/01/25	100	1,020	100
09/02/25	110	700	97	10/02/25	70	1,010	94	11/02/25	90	952	99
09/03/25	120	820	94	10/03/25	100	800	94	11/03/25	90	955	97
09/04/25	100	1,000	93	10/04/25	100	830	94	11/04/25	100	958	97
09/05/25	100	1,001	93	10/05/25	110	830	96	11/05/25	100	1,046	99
09/06/25	100	1,020	96	10/06/25	100	1,003	96	11/06/25	90	1,003	96
09/07/25	110	923	101	10/07/25	100	1,000	96	11/07/25	100	1,013	96
09/08/25	110	1,025	107	10/08/25	100	1,000	97	11/08/25	110	1,015	97
09/09/25	70	1,010	101	10/09/25	100	720	101	11/09/25	100	950	99
09/10/25	80	1,005	96	10/10/25	100	835	101	11/10/25	100	810	100
09/11/25	110	1,011	97	10/11/25	100	825	101	11/11/25	100	737	100
09/12/25	100	1,000	97	10/12/25	100	840	100	11/12/25	100	811	100
09/13/25	110	756	99	10/13/25	110	1,015	101	11/13/25	100	1,010	101
09/14/25	100	1,012	97	10/14/25	150	1,005	109	11/14/25	110	1,000	103
09/15/25	90	1,008	94	10/15/25	125	1,001	112	11/15/25	100	1,013	101
09/16/25	80	1,010	96	10/16/25	100	700	112	11/16/25	100	940	101
09/17/25	100	958	99	10/17/25	110	825	114	11/17/25	70	1,013	97
09/18/25	120	952	100	10/18/25	100	740	114	11/18/25	90	900	96
09/19/25	110	1,020	101	10/19/25	110	725	115	11/19/25	80	913	93
09/20/25	110	1,012	101	10/20/25	110	1,010	115	11/20/25	100	1,004	93
09/21/25	110	849	103	10/21/25	100	1,000	108	11/21/25	80	1,005	89
09/22/25	95	1,045	104	10/22/25	100	1,000	104	11/22/25	80	950	86
09/23/25	80	1,010	104	10/23/25	100	742	104	11/23/25	70	945	81
09/24/25	60	1,035	98	10/24/25	100	755	103	11/24/25	80	957	83
09/25/25	60	715	89	10/25/25	100	728	103	11/25/25	80	731	81
09/26/25	100	1,001	88	10/26/25	100	735	101	11/26/25	65	736	79
09/27/25	100	1,012	86	10/27/25	100	805	100	11/27/25	100	806	79
09/28/25	100	1,045	85	10/28/25	100	754	100	11/28/25	100	720	82
09/29/25	100	1,012	86	10/29/25	90	1,015	99	11/29/25	80	742	82
09/30/25	100	1,040	89	10/30/25	110	1,003	100	11/30/25	130	800	91
				10/31/25	100	1,005	100				
Month Avg	97			Month Avg	103			Month Avg	93		
Annual Average											98

Location Goleta Sanitary District - Goleta, CA

Source Varec 244E Digester Gas Flare

Project No. AST-2025-1647

Run Number		Run 1	Run 2	Run 3	Average
Date		4/21/25	4/21/25	4/21/25	--
Start Time		14:07	15:05	16:00	--
Stop Time		14:50	15:48	16:43	--
Source Data					
Fuel Heating Value, Btu/scf	F _{HV}	607	606	592	602
Fuel Factor (O2 dry), dscf/MMBtu	F _d	9,236	9,240	9,246	9,241
Fuel Rate, scfm	F _R	114.86	114.73	115.46	115.02
Input Data - Outlet					
Volumetric Flow Rate (M19), dscfm	Q _s	16,965	26,470	14,322	19,252
Calculated Data - Outlet					
O ₂ Concentration, % dry	C _{O₂}	20.11	20.39	19.98	20.16
CO Concentration, ppmvd	C _{CO}	3.37	2.90	4.29	3.52
CO Concentration, ppmvd @ 3 % O ₂	C _{COc3}	76.07	102.51	83.23	87.27
CO Emission Rate, lb/hr	ER _{CO}	0.25	0.34	0.27	0.29
CO Emission Rate, lb/day	ER _{CO}	6.08	8.18	6.53	6.93
CO Emission Factor, lb/MMBtu (O2d)	EF _{CO O2d}	0.0606	0.0817	0.0664	0.0695
NO _x Concentration, ppmvd	C _{NO_x}	1.89	1.33	2.29	1.83
NO _x Concentration, ppmvd @ 3 % O ₂	C _{NOxc3}	42.61	46.84	44.37	44.61
NO _x Emission Rate, lb/hr	ER _{NO_x}	0.23	0.26	0.24	0.24
NO _x Emission Rate, lb/day	ER _{NO_x}	5.60	6.14	5.72	5.82
NO _x Emission Factor, lb/MMBtu (O2d)	EF _{NO_x O2d}	0.0557	0.0613	0.0581	0.0584

Fuel Analysis		
Fuel Gas Sulfur Concentration, ppm	C _{ppm}	167
Fuel Gas Sulfur Concentration, gr/scf	C _{gr/scf}	0.0973
Fuel Gas Sulfur Concentration, gr/100 scf	C _{gr/100 scf}	9.73
Fuel Gas Sulfur Emission Rate (as SO ₂), lb/hr	ER	0.195
Fuel Gas Sulfur Emission Rate (as SO ₂), lb/day	ER	4.67
Fuel Gas Sulfur Emission Factor (as SO ₂), lb/MMcf	EF	28.25
Fuel Gas Sulfur Emission Factor (as SO ₂), lb/MMBtu	EF	0.0460



Client: Goleta Sanitary District
 Location: Goleta Wastewater Treatment Plant
 Project No.: AST-2025-1647-B

Source: One Varec 244E Digester Gas Flare
 Description: Digester Gas #1
 Sample ID: B24519

Collected: April 21, 2025
 Received: April 22, 2025
 Analyzed: April 22, 2025

ASTM D1945, 1946, 3588¹ - GPA 2145, 2172¹ - EPA Method 19

CONSTITUENT	MOLE %	Wt.%	LV%	GPM*	GROSS CV	Btu/ft ³	Btu/lb
Oxygen	0.264	0.313	0.139		Dry, ideal	607	8536 ^a
Nitrogen	1.030	1.068	0.670		Wet, ideal	597	8387
Carbon Dioxide	38.571	62.878	38.921		Dry, real*	609	-
Carbon Monoxide	0.000	0.000	0.000		Wet, real*	598	-
Hydrogen	0.013	0.001	0.007				
Hydrogen Sulfide	0.017	0.021	0.013		NET CV	Btu/ft ³	Btu/lb
Methane	60.106	35.718	60.250	10.195	Dry, ideal	547	7685
Ethane	0.000	0.000	0.000	0.000	Wet, ideal	537	7551
Propane	0.000	0.000	0.000	0.000	Dry, real*	548	-
Isobutane	0.000	0.000	0.000	0.000	Wet, real*	539	-
n-Butane	0.000	0.000	0.000	0.000			
Isopentane	0.000	0.000	0.000	0.000	GPM SUBTOTALS*	gal/1000 ft ³	
n-Pentane	0.000	0.000	0.000	0.000	C ₂ +		0.000
Hexanes+	0.000	0.000	0.000	0.000	C ₃ +		0.000
Total(s)	100.000	100.000	100.000	10.195	C ₄ +		0.000
					C ₅ +		0.000
					C ₆ +		0.000
					CHONS	Wt. %	
					Carbon		43.90
					Hydrogen		8.98
					Oxygen		46.03
					Nitrogen		1.07
					Sulfur		0.02
					Total		100.00
					EPA F-FACTOR	dscf/MMBtu	
					Fd @ 70°F		9271
					Fd @ 68°F		9236
					Fd @ 60°F		9098
					Fc @ 68°F		1651
FOOTNOTES / DEFINITIONS					SUPPORTING DATA		
* Compressibility Corrected		Fc - Carbon based F-Factor			Specific Gravity (Air = 1)		0.9321
¹ 14.696 psia and 60°F		Fd - Oxygen based F-Factor			Specific Volume (ft ³ /lb)		14.06
^a Used in EPA Method 19 F-Factor Calculations		GPM - Gallons per 1000 ft ³			Compressibility Factor "Z"		0.9969
CV - Calorific Value		LV% - Liquid Volume Percent			Molar Wt. of Sample		27.00
dscf - Dry Standard Cubic Foot		VOC - C ₃ -C ₆ + Components			VOC / THC by Wt. %		0.00
		THC - Total Hydrocarbon Content			Collected by		JJM



Client: Goleta Sanitary District
 Location: Goleta Wastewater Treatment Plant
 Project No.: AST-2025-1647-B

Source: One Varec 244E Digester Gas Flare
 Description: Digester Gas #2
 Sample ID: B24520

Collected: April 21, 2025
 Received: April 22, 2025
 Analyzed: April 22, 2025

ASTM D1945, 1946, 3588¹ - GPA 2145, 2172¹ - EPA Method 19

CONSTITUENT	MOLE %	Wt.%	LV%	GPM*	GROSS CV	Btu/ft ³	Btu/lb
Oxygen	0.260	0.307	0.136		Dry, ideal	606	8504 ^a
Nitrogen	1.025	1.063	0.667		Wet, ideal	595	8356
Carbon Dioxide	38.722	63.036	39.071		Dry, real*	608	-
Carbon Monoxide	0.000	0.000	0.000		Wet, real*	597	-
Hydrogen	0.015	0.001	0.008				
Methane	59.979	35.593	60.118	10.174	NET CV	Btu/ft ³	Btu/lb
Ethane	0.000	0.000	0.000	0.000	Dry, ideal	545	7657
Propane	0.000	0.000	0.000	0.000	Wet, ideal	536	7524
Isobutane	0.000	0.000	0.000	0.000	Dry, real*	547	-
n-Butane	0.000	0.000	0.000	0.000	Wet, real*	538	-
Isopentane	0.000	0.000	0.000	0.000			
n-Pentane	0.000	0.000	0.000	0.000	GPM SUBTOTALS*	gal/1000 ft ³	
Hexanes+	0.000	0.000	0.000	0.000	C ₂ +		0.000
Total(s)	100.000	100.000	100.000	10.174	C ₃ +		0.000
					C ₄ +		0.000
					C ₅ +		0.000
					C ₆ +		0.000
					CHONS	Wt.%	
					Carbon		43.85
					Hydrogen		8.95
					Oxygen		46.14
					Nitrogen		1.06
					Sulfur		0.00
					Total		100.00
					EPA F-FACTOR	dscf/MMBtu	
					Fd @ 70°F		9275
					Fd @ 68°F		9240
					Fd @ 60°F		9101
					Fc @ 68°F		1655
FOOTNOTES / DEFINITIONS					SUPPORTING DATA		
* Compressibility Corrected		Fc - Carbon based F-Factor			Specific Gravity (Air = 1)		0.9334
¹ 14.696 psia and 60°F		Fd - Oxygen based F-Factor			Specific Volume (ft ³ /lb)		14.04
^a Used in EPA Method 19 F-Factor Calculations		GPM - Gallons per 1000 ft ³			Compressibility Factor "Z"		0.9969
CV - Calorific Value		LV% - Liquid Volume Percent			Molar Wt. of Sample		27.03
dscf - Dry Standard Cubic Foot		VOC - C ₃ -C ₆ + Components			VOC / THC by Wt.%		0.00
		THC - Total Hydrocarbon Content			Collected by		JJM

Client: Goleta Sanitary District
Location: Goleta Wastewater Treatment Plant
Project No.: AST-2025-1647-B

Source: One Varec 244E Digester Gas Flare
Description: Digester Gas #3
Sample ID: B24521

Collected: April 21, 2025
Received: April 22, 2025
Analyzed: April 22, 2025

ASTM D1945, 1946, 3588¹ - GPA 2145, 2172¹ - EPA Method 19

CONSTITUENT	MOLE %	Wt.%	LV%	GPM*	GROSS CV	Btu/ft ³	Btu/lb
Oxygen	0.676	0.798	0.358		Dry, ideal	592	8292 ^a
Nitrogen	2.889	2.988	1.895		Wet, ideal	581	8147
Carbon Dioxide	37.844	61.507	38.516		Dry, real*	593	-
Carbon Monoxide	0.000	0.000	0.000		Wet, real*	583	-
Hydrogen	0.013	0.001	0.007				
Methane	58.579	34.705	59.224	9.935	NET CV	Btu/ft ³	Btu/lb
Ethane	0.000	0.000	0.000	0.000	Dry, ideal	533	7466
Propane	0.000	0.000	0.000	0.000	Wet, ideal	523	7336
Isobutane	0.000	0.000	0.000	0.000	Dry, real*	534	-
n-Butane	0.000	0.000	0.000	0.000	Wet, real*	525	-
Isopentane	0.000	0.000	0.000	0.000			
n-Pentane	0.000	0.000	0.000	0.000	GPM SUBTOTALS*	gal/1000 ft ³	
Hexanes+	0.000	0.000	0.000	0.000	C ₂ +		0.000
Total(s)	100.000	100.000	100.000	9.935	C ₃ +		0.000
					C ₄ +		0.000
					C ₅ +		0.000
					C ₆ +		0.000
					CHONS		Wt.%
					Carbon		42.77
					Hydrogen		8.72
					Oxygen		45.52
					Nitrogen		2.99
					Sulfur		0.00
					Total		100.00
					EPA F-FACTOR		dscf/MMBtu
					Fd @ 70°F		9281
					Fd @ 68°F		9246
					Fd @ 60°F		9107
					Fc @ 68°F		1656
FOOTNOTES / DEFINITIONS					SUPPORTING DATA		
* Compressibility Corrected		Fc - Carbon based F-Factor			Specific Gravity (Air = 1)		0.9349
¹ 14.696 psia and 60°F		Fd - Oxygen based F-Factor			Specific Volume (ft ³ /lb)		14.01
^a Used in EPA Method 19 F-Factor Calculations		GPM - Gallons per 1000 ft ³			Compressibility Factor "Z"		0.9970
CV - Calorific Value		LV% - Liquid Volume Percent			Molar Wt. of Sample		27.08
dscf - Dry Standard Cubic Foot		VOC - C ₃ -C ₆ + Components			VOC / THC by Wt.%		0.00
		THC - Total Hydrocarbon Content					
					Collected by		JJM

All Readings in SCF, Daily usage based on the total for the month divided by the days operated.

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Primary Flare (Device ID: 113016)													
Month Total	3,392,583	3,982,318	4,703,592	4,258,147	4,780,635	4,335,844	4,346,665	4,380,585	3,742,264	4,504,009	2,925,181	4,252,727	49,604,550
Days Operated	31	28	31	30	31	30	31	31	30	31	30	31	365
Daily Usage	109,438	142,226	151,729	141,938	154,214	144,528	140,215	141,309	124,742	145,291	97,506	137,185	135,903
Backup Flare (Device: 006329)													
Month Total			39,338										
Days Operated	0	0	1	0	0	0	0	0	0	0	0	0	0
Daily Usage			39,338										
Boiler 2 (Device ID: 388861)													
Month Total Biogas Use	811,470	0	0	0	0	0	0	0	0	0	674,410	187,327	1,673,207
Days on Biogas	19	0	0	0	0	0	0	0	0	0	20	10	49
Daily Usage on Biogas	42,709										33,721	18,733	34,147
Backup Flare Usage Detail													
Date	SCF	Reason											

Goleta Sanitation
1 William Moffet Place
Goleta CA 93117

Rite Boiler *6102*
Model SG2000

E INSTRUMENTS

Model E4500-N
Serial number 9792

Fuel Digester Gas

		Low	High
Date		6/6/2025	6/6/2025
Time		9:15:00	9:32:00
O2	%	11.8	10.9
CO	ppm	42	34
CO2	%	5.2	5.8
Eff. tot	%	76.6	76.9
Loss tot	%	23.4	23.1
T gas	°F	427	445
T air	°F	76.4	76.4
ΔT	°F	350.6	368.6
Exc. air	%	127	118
Eff. cond	%	0	0
NO	ppm	8.1	8.5
NO2	ppm	0	0
NOx	ppm	8.1	8.5
CO (3.0%)	ppm	122	118
NO (3.0%)	ppm	16	15.9
NO2 (3.0%)	ppm	0	0
NOx (3.0%)	ppm	16	15.9
Draft	inH2O	0.08	0.08
Smoke		--	--
CO max		---	---
T flow		---	---
P gas		---	---

Gold Coast



Environmental

1868 Palma Drive, Suite I

Ventura, CA 93003

Office: 805.498.3811

Fax: 805.498.7631

www.goldcoastenv.com

MASS FLOW METER CALIBRATION CERTIFICATE

Company Name: Goleta Sanitary District

Address: One Moffet Place, Goleta, CA 93117

Service Date: 3/27/25 Service Time: 2:30 Location/Tag #: Main Flare / FIT-6210

Manufacturer: Fluid Components International

Serial Number: 507737

Nominal Sensor Resistance: 1000 Ohms

EPROM Info:

Indicated Temperature at Nominal Resistance: 29.40 F

Version:	Date:	Checksum
2.32	4/4/06	4AE3

Technician:

DT

Delta 'R (ohms)	VDC Across 250 ohms	mA Output	Unit dR	Indicated Display
221.22	.999	3.99	4096	0.00
220.22	1.201	4.60	4084	15.20
211.02	1.247	4.81	3913	18.67
181.30	1.496	5.81	3360	37.30
151.31	41.995	7.82	2802	74.62
121.37	3.984	11.83	2245	149.7
93.90	4.968	19.71	1734	297.9

Version:	2.32	C5:	311.89750	Sensor:	2
Scale:	1.19988	Balance:	161	Tslp:	0.022820000
Serial #:	507737	Outz:	6565	Refr:	2225.39
Customer:	C080322	OutF:	32855	Caltemp:	69
Curve Fit:	2	Heater i:	115	Toff:	-440.83
Brk Pt:	2149	Factor:	13.2247	Tcslp:	0.00026500
Poly Seg 1:		Eu:	67 (C)	Tcslp0:	0.00000
C1:	73.271340	Tot:	1	Tcslp2:	0.00000
C2:	0.8406194	Totemp	0	MaxFlow:	27.219
C3:	-11.28398	TotFlow:	297090.531	MinFlow:	1.1345
C4:	12.143650	RollOver:	283E6	Density:	0.07152420
C5:	0.0485410	Roll Cnt:	0	Line Size 0:	6.3570004
Poly Seg 2:		Outmode:	0	Line Size 1:	0.000000
C1:	3801.2940	A/D Max:	3994	F.S:	300.0000
C2:	-805.6827	A/D Min:	1515	Tot FixPt:	Off
C3:	6507.5750	K Factor:	1.0000		
C4:	-23316.29	Zero:	0.0000		

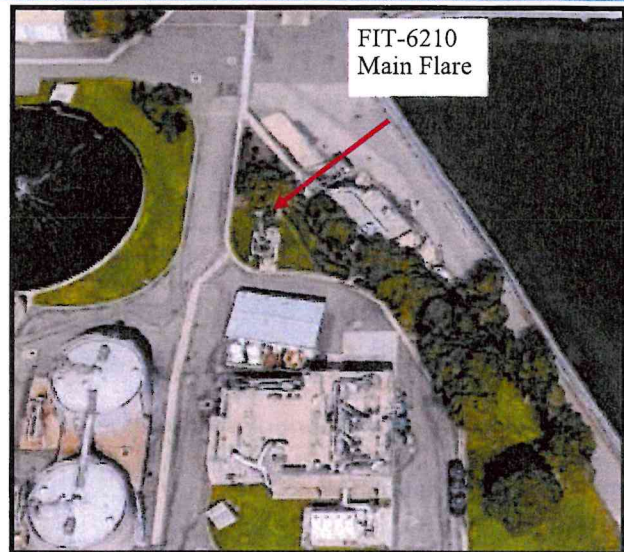
FCI Gas Meter Verification

Meter Location: **Goleta Sanitary District**
1 William Moffett Place
Goleta, CA 93117

Location: **Main Flare**
Gas Pressure Meter

Tag : **FIT-6210**

Time Period: **3/27/25 - 2:30 p.m.**



Main Flare Gas Pressure



Pressure Meter Information

Flow Range

2.0 SCFM to 3183 SCFM [3.4 NCMH to 5409 NCMH] in air at standard conditions for 70 °F [21.1 °C] and 14.7 psia [1.01325 bar(a)], typical to most gases; all gases must be compatible with the flow element material

Accuracy

Flow: $\pm 1\%$ reading, + 0.5 % full scale accuracy (standard)

Temperature: $\pm 2\text{ }^{\circ}\text{F}$ [$\pm 1\text{ }^{\circ}\text{C}$] (for display only; flow rate must be greater than 5 AFPS [1.5 AMPS])

Repeatability

Flow: $\pm 0.5\%$ reading

Temperature: $\pm 1\text{ }^{\circ}\text{F}$ [$\pm 0.6\text{ }^{\circ}\text{C}$] (flow rate must be greater than 5 AFPS [1.5 AMPS])

Turndown Ratio: Factory set and field adjustable from 10:1 to 100:1 within calibrated flow range

Temperature Compensation

Standard: $\pm 30\text{ }^{\circ}\text{F}$ [$\pm 1\text{ }^{\circ}\text{C}$]

Optional: $\pm 100\text{ }^{\circ}\text{F}$ [$\pm 38\text{ }^{\circ}\text{C}$]

Agency Approvals

FM, ATEX, CSA, CRN, IEC, CPA, NEPSI, GOST/RTN, CE, PED (system approvals)

Calibration

Performed and certified on N.I.S.T. traceable equipment; typical calibration performed in actual process service gas



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Ventura, CA 93003

Office: 805.498.3811

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MASS FLOW METER CALIBRATION CERTIFICATE

Company Name: Goleta Sanitary District

Address: One Moffet Place, Goleta, CA 93117

Service Date: 3/27/25 Service Time: 10:00 Location/Tag #: Back Up Flare / FIT-5001

Manufacturer: Fluid Components International

Serial Number: 246282

Nominal Sensor Resistance: 1000 Ohms

EPROM Info:

Version:	Date:	Checksum
2.32	4/4/06	4AE3

Indicated Temperature at Nominal Resistance: 29.40 F

Technician:

DT

Delta 'R (ohms)	VDC Across 250 ohms	mA Output	Unit dR	Indicated Display
210.51	1.000	4.00	3880	0
209.51	1.402	5.61	3862	10.09
199.36	1.197	6.00	3673	12.50
167.08	1.998	8.00	3073	25.00
132.32	2.997	12.37	2464	52.25
116.46	3.995	16.00	2132	74.95
104.89	4.982	19.95	1917	99.58

Version:	2.32	C5:	-1.445928	Sensor:	2
Scale:	1.2002	Balance:	172	Tslp:	.023453800
Serial #:	246282	Outz:	6613	Refr:	2232
Customer:	GSD	OutF:	32935	Caltemp:	68.99
Curve Fit:	2	Heater i:	117	Toff:	-454.49
Brk Pt:	2597	Factor:	5.30431	Tcslp:	0.00027400
Poly Seg 1:		Eu:	67 (C)	Tcslp0:	0.00000
C1:	2076.3770	Tot:	0	Tcslp2:	0.00000
C2:	-260.0252	Tottemp	0	MaxFlow:	22.627
C3:	1254.7870	TotFlow:	69866.3125	MinFlow:	1.8856
C4:	-2695.643	RollOver:	1e6	Density:	0.07152420
C5:	21.590350	Roll Cnt:	0	Line Size 0:	4.0260000
Poly Seg 2:		Outmode:	0	Line Size 1:	0.000000
C1:	112.00330	A/D Max:	3791	F.S:	100.0000
C2:	-2.116658	A/D Min:	1672		
C3:	-13.93106	K Factor:	1.0000		
C4:	85.419290	Zero:	0.0000		

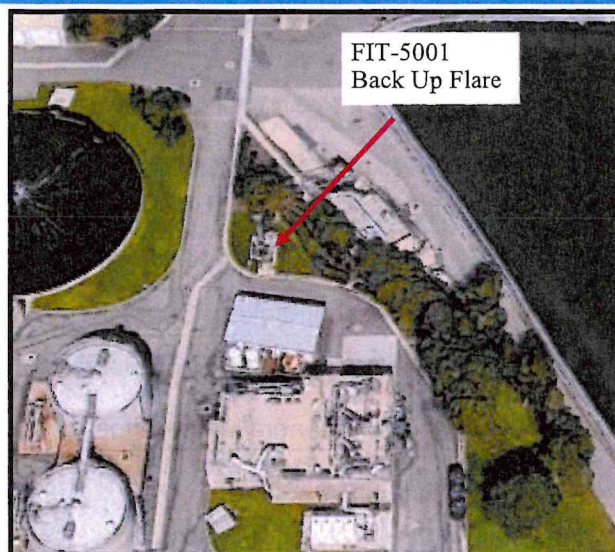
FCI Gas Meter Verification

Meter Location: **Goleta Sanitary District**
1 William Moffett Place
Goleta, CA 93117

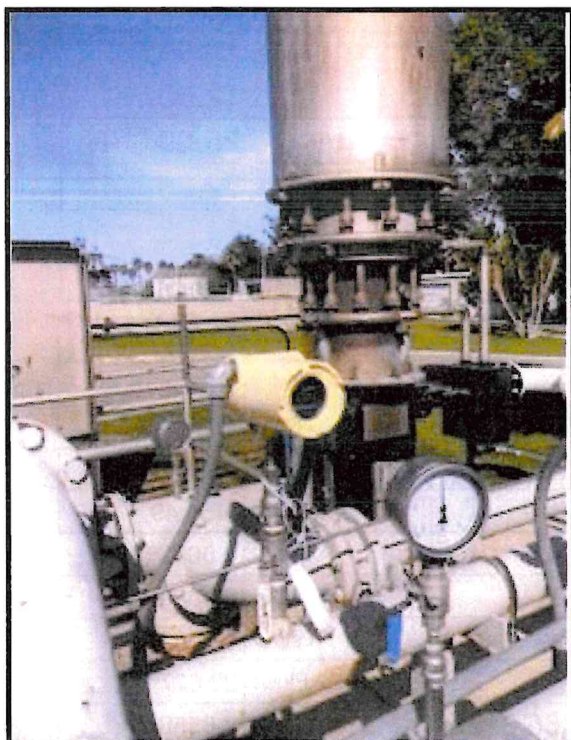
Location: **Back Up Flare**
Gas Pressure Meter

Tag : **FIT-5001**

Time Period: **3/27/25 - 10:00 a.m.**



Back Up Flare Gas Pressure



Pressure Meter Information

Flow Range

2.0 SCFM to 3183 SCFM [3.4 NCMH to 5409 NCMH] in air at standard conditions for 70 °F [21.1 °C] and 14.7 psia [1.01325 bar(a)], typical to most gases; all gases must be compatible with the flow element material

Accuracy

Flow: $\pm 1\%$ reading, + 0.5 % full scale accuracy (standard)

Temperature: $\pm 2^\circ\text{F}$ [$\pm 1^\circ\text{C}$] (for display only; flow rate must be greater than 5 AFPS [1.5 AMPS])

Repeatability

Flow: $\pm 0.5\%$ reading

Temperature: $\pm 1^\circ\text{F}$ [$\pm 0.6^\circ\text{C}$] (flow rate must be greater than 5 AFPS [1.5 AMPS])

Turndown Ratio: Factory set and field adjustable from 10:1 to 100:1 within calibrated flow range

Temperature Compensation

Standard: $\pm 30^\circ\text{F}$ [$\pm 1^\circ\text{C}$]

Optional: $\pm 100^\circ\text{F}$ [$\pm 38^\circ\text{C}$]

Agency Approvals

FM, ATEX, CSA, CRN, IEC, CPA, NEPSI, GOST/RTN, CE, PED (system approvals)

Calibration

Performed and certified on N.I.S.T. traceable equipment; typical calibration performed in actual process service gas



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MASS FLOW METER CALIBRATION CERTIFICATE

Company Name: Goleta Sanitary District

Address: One Moffet Place, Goleta, CA 93117

Service Date: 3/27/25 Service Time: 1:45 Location/Tag #: Gas Pad / FIT-5035

Manufacturer: Fluid Components International Serial Number: 448186

Nominal Sensor Resistance: 1000 Ohms

EPROM Info:

Version:	Date:	Checksum
2.32	4/4/06	4AE3

Indicated Temperature at Nominal Resistance: 29.90 F

Technician:
DT

Delta 'R (ohms)	VDC Across 250 ohms	mA Output	Unit dR	Indicated Display
257.53	0.999	4.00	4761	0.00
256.53	1.112	4.45	4743	8.499
217.22	1.244	4.98	4035	18.42
185.28	1.489	5.96	3441	37.00
153.40	1.985	7.94	2847	74.20
104.53	3.981	11.92	1938	224.1
93.32	4.695	19.86	1730	297.9

Version:	2.32	C5:	2.247850	Sensor:	2
Scale:	1.20006	Balance:	160	Tslp:	0.22820000
Serial #:	448186	Outz:	6598	Refr:	2250.71
Customer:	FA379481	OutF:	32961	Caltemp:	73
Curve Fit:	2	Heater i:	108	Toff:	-440.61
Brk Pt:	2995	Factor:	10.8612	Tcslp:	0.00026500
Poly Seg 1:		Eu:	67 (C)	Tcslp0:	0.00000
C1:	-928.4884	Tot:	0	Tcslp2:	0.00000
C2:	119.45260	Tottemp	0	MaxFlow:	33.147
C3:	-525.4808	TotFlow:	625662.812	MinFlow:	0.7641
C4:	989.67160	RollOver:	1e6	Density:	0.07152420
C5:	-6.848571	Roll Cnt:	0	Line Size 0:	5.7609997
Poly Seg 2:		Outmode:	0	Line Size 1:	0.000000
C1:	142.5260	A/D Max:	4663	F.S:	300.0000
C2:	-9.285148	A/D Min:	1465		
C3:	56.060410	K Factor:	1.0000		
C4:	-187.7827	Zero:	0.0000		

FCI Gas Meter Verification

Meter Location: **Goleta Sanitary District**
1 William Moffett Place
Goleta, CA 93117

Location: **Gas Pad**
Pressure Meter

Tag : **FIT-5305**

Time Period: **3/27/25 - 11:45 p.m**



Gas Pad Pressure Meter



Pressure Meter Information

Flow Range

2.0 SCFM to 3183 SCFM [3.4 NCMH to 5409 NCMH] in air at standard conditions for 70°F [21.1°C] and 14.7 psia [1,01325 bar(a)], typical to most gases; all gases must be compatible with the flow element material

Accuracy

Flow: $\pm 1\%$ reading, $\pm 0.5\%$ full scale accuracy (standard)

Temperature: $\pm 2^\circ\text{F}$ [$\pm 1^\circ\text{C}$] (for display only; flow rate must be greater than 5 AFPS [1.5 AMPS])

Repeatability

Flow: $\pm 0.5\%$ reading

Temperature: $\pm 1^\circ\text{F}$ [$\pm 0.6^\circ\text{C}$] (flow rate must be greater than 5 AFPS [1.5 AMPS])

Turndown Ratio: Factory set and field adjustable from 10:1 to 100:1 within calibrated flow range

Temperature Compensation

Standard: $\pm 30^\circ\text{F}$ [$\pm 1^\circ\text{C}$]

Optional: $\pm 100^\circ\text{F}$ [$\pm 38^\circ\text{C}$]

Agency Approvals

FM, ATEX, CSA, CRN, IEC, CPA, NEPSI, GOST/RTN, CE, PED (system approvals)

Calibration

Performed and certified on N.I.S.T. traceable equipment; typical calibration performed in actual process service gas



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1868 Palma Drive, Suite I, Ventura, CA 93003

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805.498.3811 ph.



All Readings in PPM H₂S.

		January	February	March	April	May	June	July	August	September	October	November	December
Carbon Canister (Device ID: 104281)													
Date	01/26/25	01/30/25	02/26/25	03/25/25	04/24/25	05/28/25	06/25/25	07/29/25	08/26/25	09/16/25	10/23/25	11/28/25	
Reading	0	0	0	0	0	0	0	0	0	0	0	0	0
Headworks Odor Control System (Device ID: 113019)													
Date	01/26/25	01/30/25	02/26/25	03/25/25	04/24/25	05/28/25	06/25/25	07/29/25	08/26/25	09/16/25	10/23/25	11/28/25	
Reading	0	0	0	0	0	0	0	0	0	0	0	0	0



air pollution control district
SANTA BARBARA COUNTY

Diesel-Fired Emergency/Standby (E/S) Engine Recordkeeping Form ENF -92

Santa Barbara County Air Pollution Control District
260 N San Antonio Rd, Suite A, Santa Barbara, CA 93110-1315

Maintain a separate Compliance ENF -92 for each emergency/standby engine. Additional information regarding the recordkeeping and reporting requirements for emergency/standby diesel engines can be found here: www.ourair.org/dice-atcm.

Company Name	Goleta Sanitary District	FID No.	01528
Contact Name	Lena Cox	Phone #	(805) 967-4519
Contact Email	lcox@goletasanitary.org	Permit No.	PTO#08561-R11

ENGINE DATA	
Engine Location (Address, Nearest Cross Streets, or Lease)	One William Moffett Place/James Fowler Rd.
Manufacturer	Doosan / Generac
Model Name	13237430600 / P222FE
Maximum Rated Brake Horsepower (bhp)	964 bhp
Serial Number	2113102 / 101844
APCD Device Number	113017

Initial Startup† (Hours): _____ Initial Startup Date (if applicable): _____ Reporting Year: 2025 _____

Hour Meter Reading as of January 1st of the Reporting Year: 380.7 _____

MONTH	HOURS OF OPERATION						HOUR METER READING AT THE END OF THE MONTH
	EMERGENCY USE	MAINTENANCE & TESTING	EMISSIONS TESTING	INITIAL STARTUP	OTHER USES	NFPA 25/ 110 USE	
JANUARY		0.4					381.1
FEBRUARY		1.7					382.8
MARCH		1.6					384.4
APRIL		1.5					385.9
MAY		1.5					387.4
JUNE		1.7					389.1
JULY		1.7					390.8
AUGUST		1.7					392.5
SEPTEMBER		1.7					394.2
OCTOBER		1.8					396.0
NOVEMBER		0.6					396.6
DECEMBER		1.6					398.2
TOTAL		17.5					

PLEASE RETURN THE COMPLETED ANNUAL REPORT TO:

AIR POLLUTION CONTROL DISTRICT, 260 N. SAN ANTONIO RD., SUITE A, SANTA BARBARA CA 93110-1315

or e-mail to annualreport@sbcapcd.org (FAXES NOT ACCEPTED)

Diesel-Fired Emergency/Standby (E/S) Engine Recordkeeping Form ENF-92

Has this engine been temporarily replaced?

☐ Yes ☒ No

If yes, when? _____ until _____

Have any additional engines been installed at this facility?

☐ Yes ☒ No

Does this annual report contain confidential information?

☐ Yes ☒ No

All information claimed as confidential must be submitted in accordance with APCD Policy & Procedure 6100-020 (Handling of Confidential Information): <http://www.ourair.org/wp-content/uploads/6100-020.pdf>. Failure to follow the required procedures shall be deemed a waiver by the applicant of the right to protect such information from public disclosure.

I certify that the information provided is accurate and complete to the best of my knowledge.

Lena Cox
Signature

Lena Cox / 2/6/2026
Print Name / Date

ANNUAL REPORT INSTRUCTIONS FOR DIESEL-FIRED E/S ENGINE

1. **MULTIPLE ENGINES:** If your facility has more than one permitted diesel-fired emergency/standby engine, then please provide separate copies of this form for each engine.
2. **CHECK YOUR PERMIT:** Check the *Reporting* condition of your permit, there may be additional information that needs to be submitted with this report. Please provide any additional information that you are required to submit.
3. **SUBMITTAL:** Submit by mail or e-mail. When submitting via e-mail, if you do not receive a response within 72 hours confirming that the District has received your submittal, please assume the annual report was not received and contact us at (805) 979-8050. *Faxes Not Accepted.*

PLEASE RETURN THE COMPLETED ANNUAL REPORT TO:

AIR POLLUTION CONTROL DISTRICT, 260 N. SAN ANTONIO RD., SUITE A, SANTA BARBARA CA 93110-1315
or e-mail to annualreport@sbcapcd.org (FAXES NOT ACCEPTED)

Diesel-Fired Emergency/Standby (E/S) Engine Recordkeeping Form ENF -92

Santa Barbara County Air Pollution Control District
260 N San Antonio Rd, Suite A, Santa Barbara, CA 93110-1315

Maintain a separate Compliance ENF -92 for each emergency/standby engine. Additional information regarding the recordkeeping and reporting requirements for emergency/standby diesel engines can be found here: www.ourair.org/dice-atcm.

Company Name	Goleta Sanitary District	FID No.	01528
Contact Name	Lena Cox	Phone #	(805) 967-4519
Contact Email	lcox@goletasanitary.org	Permit No.	PTO#08561-R11

ENGINE DATA	
Engine Location (Address, Nearest Cross Streets, or Lease)	One William Moffett Place/James Fowler Rd.
Manufacturer	Doosan / Generac
Model Name	13237430600 / P222FE
Maximum Rated Brake Horsepower (bhp)	964 bhp
Serial Number	2113103 / 101585
APCD Device Number	113018

Initial Startup† (Hours): _____ Initial Startup Date (if applicable): _____ Reporting Year: 2025

Hour Meter Reading as of January 1st of the Reporting Year: 294.6

MONTH	HOURS OF OPERATION						HOUR METER READING AT THE END OF THE MONTH
	EMERGENCY USE	MAINTENANCE & TESTING	EMISSIONS TESTING	INITIAL STARTUP	OTHER USES	NFPA 25/ 110 USE	
JANUARY		0.3					294.9
FEBRUARY		1.8					296.7
MARCH		1.6					298.3
APRIL		1.5					299.8
MAY		1.6					301.4
JUNE		1.7					303.1
JULY		1.7					304.8
AUGUST		1.7					306.5
SEPTEMBER		1.7					308.2
OCTOBER		1.7					309.9
NOVEMBER		1.2					311.1
DECEMBER		1.7					312.8
TOTAL		18.2					

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Diesel-Fired Emergency/Standby (E/S) Engine Recordkeeping Form ENF-92

Has this engine been temporarily replaced?

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If yes, when? _____ until _____

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I certify that the information provided is accurate and complete to the best of my knowledge.

Lena Cox
Signature

Lena Cox , 2/6/2026
Print Name / Date

ANNUAL REPORT INSTRUCTIONS FOR DIESEL-FIRED E/S ENGINE

1. **MULTIPLE ENGINES:** If your facility has more than one permitted diesel-fired emergency/standby engine, then please provide separate copies of this form for each engine.
2. **CHECK YOUR PERMIT:** Check the *Reporting* condition of your permit, there may be additional information that needs to be submitted with this report. Please provide any additional information that you are required to submit.
3. **SUBMITTAL:** Submit by mail or e-mail. When submitting via e-mail, if you do not receive a response within 72 hours confirming that the District has received your submittal, please assume the annual report was not received and contact us at (805) 979-8050. *Faxes Not Accepted.*

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or e-mail to annualreport@sbcapcd.org (FAXES NOT ACCEPTED)



Diesel-Fired Emergency/Standby Engine Annual Report Form ENF-92

Santa Barbara County Air Pollution Control District
260 N. San Antonio Road, Suite A
Santa Barbara, CA 93110-1315

Complete this ENF-92 form for the specific emergency/standby engine listed in Section II below. Additional information regarding the recordkeeping and reporting requirements for emergency/standby diesel engines can be found here: <https://www.ourair.org/dice-atcm>. Electronically fillable PDF versions of this form are available at <https://www.ourair.org/compliance-forms/>. Annual reports must be signed and submitted to the District by March 1. Reports received after March 1 may be subject to enforcement action.

I. Facility Information

Company Name	Goleta Sanitary District		
Contact Name	Lena Cox		
Phone Number	805-967-4519	Cell	
Email Address	lcox@goletasanitary.org		
Facility ID # (FID)	11309	Permit Number	13447

II. Engine Data

Engine Location (Address, Nearest Cross Streets, or Lease)	101 John Donaldson Road, Goleta CA		
Maximum Rated Break Horsepower (bhp)	145.00	Engine Manufacturer	Cummins
Engine Serial #	73115400	Engine Model	QSB5-G3 NR3
APCD Device #	113115		

Has this engine been temporarily replaced? ☐ Yes ☒ No If yes, when? until

Have any additional engines been installed at this facility? ☐ Yes ☒ No

III. Engine Operating Hours

Hour Meter Reading on January 1 of Reporting Year	215.7	Reporting Year	2025
Initial Start-up Hours (1)		Initial Start-up Date (if applicable)	

(1) Initial start-up hours are hours authorized for maintenance and testing of new engines that were installed during the current reporting year. If your engine was not installed during this reporting year, leave the default of 0 hours in the field.

Month	Hours of Operation for Use Type				Hour Meter Reading at the End of the Month
	Emergency Use	Maintenance & Testing Use	Other Uses	NFPA 25/110 Use	
January	0.2	1.7			217.6
February		1.8			219.4
March		1.8			221.2
April		1.7			222.9
May		1.7			224.6
June		1.8			226.4
July		1.8			228.2
August		1.7			229.9
September		1.8			231.7
October		1.7			233.4
November		1.8			235.2
December		1.8			237.0
Total	0.20	21.10	0.00	0.00	

[illegible]

**Diesel-Fired Emergency/Standby (E/S) Engine
Annual Report Form ENF-92****ANNUAL REPORT INSTRUCTIONS FOR DIESEL-FIRED E/S ENGINES**

- 1. CHECK YOUR PERMIT- Additional Reporting Information Attachments:** Check the *Reporting* condition of your permit, there may be additional information that needs to be submitted with this report as an attachment. If your permit requires additional reporting information than what is listed in this form, please combine the additional information into a single PDF document and attach it below:
- 2. SUBMITTAL:** This form will automatically be submitted after signing the document using the AdobeSign platform. If you have any questions about how to fill out this form, please contact the District at annualreport@sbcapcd.org.

Does this annual report contain confidential information?

☐

Yes

☒

No

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I certify that the information provided is accurate and complete to the best of my knowledge.

Print Name

Lena Cox

Date

Feb 5, 2026

Signature


Lena Cox (Feb 5, 2026 14:19:38 PST)

Signature:


Lena Cox (Feb 5, 2026 14:19:38 PST)

Email: swagner@goletasanitary.org



MCCORMIX CORP.
Jobber, Chevron U.S.A. Products Company
P.O. Box 848
Santa Barbara, CA 93102
(805) 963-9366

LETTER OF CONFORMANCE

02/6/2026

This is to certify that CAL ULS S R6-20 BO-5 dyed diesel sold and delivered to:

GOLETA SANITARY DISTRICT for calendar year 2025

Was in compliance with SCAQMD requirements for Santa Barbara County.

The sulfur content is guaranteed to be less than .0015% (15PPM). The high heat content is typically in the 19,950 to 20,200 BTU per pound range.

Steve Olsen

General Manager
McCormix Corporation
805-963-9366

CALIFORNIA DIESEL FUEL. MAXIMUM 15 PPM SULFUR. 15 PPM SULFUR (MAXIMUM) DYED ULTRA-LOW SULFUR DIESEL FUEL #2. FOR USE IN ALL NONROAD DIESEL ENGINES. NOT FOR USE IN HIGHWAY VEHICLES OR ENGINES EXCEPT FOR TAX-EXEMPT USE IN ACCORDANCE WITH SECTION 4082 OF THE INTERNAL REVENUE CODE. 15 PPM SULFUR (MAXIMUM) UNDYED #2D ULTRA-LOW SULFUR DIESEL FUEL IS FOR USE IN ALL DIESEL VEHICLES AND DIESEL ENGINES. DIESEL FUEL DELIVERED DOES NOT CONTAIN VISIBLE EVIDENCE OF DYE. DYED DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. DIESEL FUEL MAY CONTAIN UP TO 5% BIODIESEL. DIESEL FUEL DELIVERED NOT INTENDED FOR MARINE USE. THIS VOLUME OF NEAT OR BLENDED RENEWABLE DIESEL IS DESIGNATED AND INTENDED FOR USE AS TRANSPORTATION FUEL, HEATING OIL OR JET FUEL IN THE 48 U.S.



Letter of Conformance

February 4, 2026

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to Goleta Sanitary District from 1/1/2025-12/31/2025

Was in compliance with California Air Resources Board requirements for Ventura County. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by SC Fuels. The sulfur Content is guaranteed to be less than .0015%. (15PPM) The high heat content is typically in the 19,950-20,200 BTU per pound range.

Terri Merritt

Account Manager
SC Fuels
Oxnard Division
Office (805)299-1217
merrittt@scfuels.com

3815 E. VINEYARD AVE, OXNARD, CA 93030 * MAILING ADDRESS: P.O. BOX 50540, OXNARD, CA 93031-0540

Natural Gas Analysis Report

Sample Information

	Sample Information
Sample Name	V2 PROPANE STORAGE COMP C3 SAMPLE
Release #	STG COMP C3
Sample Date	2/28/2025
User	ESTEFANIA
Sample Notes	VP=204.2 GRAVITY=0.504 FACTOR=4.1924 COPPER=1A
Method Name	Liquid Gas 2.met
Injection Date	2025-02-28 19:25:47

Component Results

Component Name	Norm%	Weight% (Dry)	Liq. Volume% (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.0000	0.0000	0.0000	0.000
Methane	0.9132	0.3356	0.5636	0.157
Carbon Dioxide	0.0000	0.0000	0.0000	0.000
Ethane	1.9566	1.3477	1.9049	0.531
Propylene	0.0000	0.0000	0.0000	0.000
Propane	96.4985	97.4756	96.7827	26.985
i-Butane	0.5452	0.7259	0.6495	0.181
n-Butane	0.0865	0.1152	0.0993	0.028
trans-2-Butene	0.0000	0.0000	0.0000	0.000
1-Butene	0.0000	0.0000	0.0000	0.000
i-Butene	0.0000	0.0000	0.0000	0.000
cis-2-Butene	0.0000	0.0000	0.0000	0.000
i-Pentane	0.0000	0.0000	0.0000	0.000
n-Pentane	0.0000	0.0000	0.0000	0.000
C6+	0.0000	0.0000	0.0000	0.000
Water	0.0000	0.0000	0.0000	0.000
Total:	100.0000	100.0000	100.0000	27.882

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	119.0350	
Pressure Base (psia)	14.696	
Net Heating Value (BTU / Ideal cu.ft.)	2292.88	2252.88
Net Heating Value (BTU / Real cu.ft.)	2333.31	2293.88
Net Heating Value (BTU / lbm)	19932	19787
Relative Density (G), Ideal	1.5072	1.4918
Relative Density (G), Real	1.5332	1.5183
Gas Density, Ideal (lbm / cu.ft.)	0.11504	0.11386
Gas Density, Real (lbm / cu.ft.)	0.11706	0.11593
Compressibility (Z) Factor	0.9827	0.9821
Total Relative Liquid Density	0.504	
Total Liquid Density (lbm / gal.)	4.198	
API Gravity	149.49	