

**Board of Directors:** 

January 15, 2020

Jerry D. Smith

President

Santa Barbara County APCD

ATTN: Annual Reports

Steven T. Majoewsky

260 N. San Antonio Road, Suite A

George W. Emerson

Santa Barbara, California 93110-1315

Sharon Rose

SUBJECT: Goleta Sanitary District 2020 Annual Report

**Edward Fuller** 

Facility ID# 01528 and 11309

Steve D. Wagner, PE

Dear Sir or Madam:

General Manager **District Engineer** 

In accordance with PTO#'s 08561-R9 and 13447-R3, attached is the Goleta Sanitary District 2020 Consolidated Annual Report. If there are any questions please contact Mr.

John Crisman at (805) 967-4519.

Sincerely,

Steve D. Wagner, PE

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General Manager/District Engineer

# Goleta Sanitary District

# Air Pollution Control Consolidated Annual 2020 Report

Facility ID # 01528

PTO # 08561-R9

And

Facility ID # 11309

PTO # 13447-R3

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 2020. GSD operates the regional water resource recovery facility located at

One William Moffett Place Goleta, Ca 93117 (805) 967-4519

with the corresponding facility ID# 01528 using PTO# 08561-R9. GSD also operates an offsite wastewater pumping station located at

101 John Donaldson Place Santa Barbara, CA 93117 (805) 967-4519

with corresponding facility ID# 11309 using PTO# 13447-R3. During the calendar year of 2020 Goleta Sanitary District met all conditions of the previously mentioned permits.

### **Digester Gas System**

In compliance with PTO# 08561-R9, 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 content never exceeded the maximum of 239 ppm and the annual average was 61 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 600 BTU/cf. The full fuel analysis report is included in the attachments.

# **Digester Gas Flare**

In compliance with PTO# 08561-R9, GSD operated the digester gas primary flare (Device ID: 113016) 366 days of 2020. 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 backup flare (Device ID: 006239) was not operated this year. All calibration records for the flare 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-R9, GSD operated its digester gas boiler #3 (Device ID: 388861) a total of 296 days in 2020. The volume of digester gas burned 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 record for the boiler digester gas flow meter is included in the following attachments. Boiler #2 was tuned to factory specifications on April 10<sup>th</sup> 2020.

# **Odor Control System**

In compliance with PTO# 08561-R9, GSD operated the headworks Odor Control System (Device ID: 113019) and Carbon Canister (Device ID: 104281) 366 days of the year in accordance with the manufacturer's recommendations. The lift station odor control carbon canister and headworks odor control system were checked for hydrogen sulfide breakthrough on a monthly basis. During the reporting period there was not any measurable breakthrough. The monthly sample values and dates are included in the following attachments.

### **Diesel Fired Emergency Standby Generators**

In compliance with PTO# 08561-R9 and PTO# 13447-R3, GSD operated its emergency standby generators. Generator 1 (Device ID: 113017) was operated for 94.3 hours during emergency use and 18.1 hours for maintenance and testing. Generator 2 (Device ID: 113018) was operated for 17.0 hours during emergency use and 20.3 hours for maintenance and testing. During the 2020 year, GSD was asked to self-generate during declared emergencies, to reduce demand on the State's electrical system. Firestone pumping station's emergency generator (Device ID: 113115) was operated for 0.5 hours during emergency use and 21.2 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 our diesel suppliers demonstrating that all fuel used meets the requirements of the ATCM.

# List of Attachments

- Digester Gas Sulfur Content Monitoring (3 pages)
- Certificate of Analysis, Digester Heating value (1 page)
- Boiler and Flare Monitoring (1 page)
- Boiler #2 Tune-Up (1 page)
- Mass Flow Meter Calibration Certificate, Primary Flare (1 page)
- Mass Flow Meter Calibration Certificate, Backup Flare (1 page)
- Mass Flow Meter Calibration Certificate, Boiler #2 (1 page)
- Odor Control Breakthrough Monitoring (1 page)
- ENF-92 Generator #1 (2 page)
- ENF-92 Generator #2 (2 page)
- ENF-92 Firestone Pump Station Generator (2 page)
- Letter of Conformance for the ATCM, Diesel Fuel (2 pages)

An Heading III I III iyanggan samae asing a coloningno gas tabe:	, .				i		•		i				ı	
Read	ad Time	7 Day Avg	Date	Read	Time	7 Day Avg	Date	Read	Lime	7 Day Avg	Date	Read	Time	7 Day Avg
01/01/20 50	635	71	02/01/20	20	630	29	03/01/20	22	640	25	04/01/20	20	619	49
01/02/20 60	029	69	02/02/20	09	655	22	03/05/20	20	640	51	04/02/20	20	640	49
01/03/20 60	(655	69	02/03/20	92	635	28	03/03/20	20	640	51	04/03/20	40	645	48
01/04/20 60	635	69	02/04/20	20	620	61	03/04/20	20	630	51	04/04/20	09	635	49
01/05/20 95	9 650	69	02/05/20	20	618	29	03/02/20	20	650	51	04/05/20	20	640	51
01/06/20 65	935	67	02/06/20	20	625	28	03/06/20	20	618	51	04/06/20	55	640	51
01/07/20 55	932	64	02/01/20	45	646	56	03/02/20	20	620	51	04/07/20	82	645	26
01/08/20 95	645	70	02/08/20	20	930	26	03/08/20	20	635	20	04/08/20	40	730	54
01/09/20 50	929	69	02/09/20	22	640	22	03/09/20	20	635	20	04/09/20	20	635	54
01/10/20 50	029	29	02/10/20	45	630	52	03/10/20	20	625	20	04/10/20	20	648	26
01/11/20 50	650	99	02/11/20	55	625	20	03/11/20	09	627	51	04/11/20	20	640	24
01/12/20 50	645	29	02/12/20	20	640	20	03/12/20	20	650	51	04/12/20	55	200	22
01/13/20 55	635	28	02/13/20	09	635	51	03/13/20	09	650	23	04/13/20	90	635	26
01/14/20 60	640	29	02/14/20	20	630	52	03/14/20	20	630	23	04/14/20	09	640	52
01/15/20 50	635	52	02/15/20	20	650	52	03/15/20	55	645	54	04/15/20	20	635	54
01/16/20 50	650	25	02/16/20	09	635	53	03/16/20	45	635	23	04/16/20	20	637	54
01/17/20 50	650	52	02/17/20	20	640	54	03/17/20	22	029	54	04/17/20	20	650	54
01/18/20 60	635	54	02/18/20	75	630	26	03/18/20	20	635	52	04/18/20	20	640	54
01/19/20 70	650	26	02/19/20	20	635	26	03/19/20	20	630	25	04/19/20	22	805	54
01/20/20 80	640	09	02/20/20	20	640	22	03/20/20	20	640	51	04/20/20	20	630	52
01/21/20 70	630	61	02/21/20	20	625	22	03/21/20	20	625	51	04/21/20	20	630	51
01/22/20 70	657	64	02/22/20	20	620	55	03/22/20	22	645	51	04/22/20	20	618	51
01/23/20 70	650	29	02/23/20	55	635	54	03/23/20	65	650	54	04/23/20	09	625	25
01/24/20 70	655	70	02/24/20	55	630	55	03/24/20	92	930	22	04/24/20	09	635	54
01/25/20 60	029	70	02/25/20	55	630	25	03/25/20	20	633	22	04/25/20	09	635	22
01/26/20 75	640	71	02/26/20	20	620	25	03/26/20	20	009	22	04/26/20	20	650	54
01/27/20 60	635	89	02/27/20	20	635	52	03/27/20	20	630	22	04/27/20	20	630	54
01/28/20 50	930	65	02/28/20	20	640	25	03/28/20	20	710	22	04/28/20	09	640	26
01/29/20 60	640	64	02/29/20	20	730	52	03/29/20	35	650	52	04/29/20	20	630	99
01/30/20 60	650	62					03/30/20	09	635	51	04/30/20	20	720	54
01/31/20 60	620	61					03/31/20	20	630	49				
Month Avg 62			Month Ave	7			Month Ave	52			A -1-1- A	Š		

2020

Goleta Sanitary District

64

63 64

64 61 61 53 53 54 55 55 55 55 55 55 56 56 61 67

Goleta Sanitary District

<u> </u>	635 54	651 50	650 49	650 49	635 47	847 49	643 43	642 43	629 43	651 43	654 44	650 43	635 49	650 53		710 51	631 51	730 49	640 49	640 41	640 41	630 42	727 41	654 41	725 41	735 43	650 44	640 42	725 41	645 40	705 39		
Head	20	20	20	45	20	32	20	20	20	20	20	45	75	20	40	20	45	40	40	20	20	20	40	20	40	20	22	40	45	30	40	44	61
Date	12/01/20	12/02/20	12/03/20	12/04/20	12/05/20	12/06/20	12/07/20	12/08/20	12/09/20	12/10/20	12/11/20	12/12/20	12/13/20	12/14/20	12/15/20	12/16/20	12/17/20	12/18/20	12/19/20	12/20/20	12/21/20	12/22/20	12/23/20	12/24/20	12/25/20	12/26/20	12/27/20	12/28/20	12/29/20	12/30/20	12/31/20	Month Avg	ige
7 Day Avg	22	22	22	99	51	20	49	23	23	22	26	28	28	22	28	28	26	54	54	23	52	49	51	25	26	26	26	29	22	22			Annual Average
Time	700	635	757	655	757	650	655	710	725	650	640	734	635	705	720	739	742	622	628	650	640	912	640	641	633	657	625	620	200	642			Anr
Read	32	20	20	20	45	09	20	92	51	61	61	29	09	45	70	20	20	45	09	20	40	20	09	09	75	22	20	09	52	09		53	
Date	11/01/20	11/02/20	11/03/20	11/04/20	11/05/20	11/06/20	11/07/20	11/08/20	11/09/20	11/10/20	11/11/20	11/12/20	11/13/20	11/14/20	11/15/20	11/16/20	11/17/20	11/18/20	11/19/20	11/20/20	11/21/20	11/22/20	11/23/20	11/24/20	11/25/20	11/26/20	11/27/20	11/28/20	11/29/20	11/30/20		Month Avg	
7 Day Avg	52	53	20	51	51	54	23	09	63	99	99	65	63	64	22	54	51	25	23	23	26	22	29	29	22	56	26	24	56	58	29		-
Time	655	655	640	710	700	640	642	707	610	645	705	645	640	650	650	640	630	640	735	640	635	710	630	630	200	650	650	700	740	735	640		
Read	20	20	20	55	55	70	40	100	20	70	55	20	55	20	20	20	20	09	55	22	70	09	09	20	20	20	20	09	75	70	09	58	
Date	10/01/20	10/02/20	10/03/20	10/04/20	10/05/20	10/06/20	10/07/20	10/08/20	10/09/20	10/10/20	10/11/20	10/12/20	10/13/20	10/14/20	10/15/20	10/16/20	10/17/20	10/18/20	10/19/20	10/20/20	10/21/20	10/22/20	10/23/20	10/24/20	10/25/20	10/26/20	10/27/20	10/28/20	10/29/20	10/30/20	10/31/20	Month Avg	
7 Day Avg	75	75	74	71	69	89	64	63	83	62	59	29	99	22	61	29	56	56	54	22	56	28	28	29	61	64	64	83	28	26			-
Time	645	638	650	810	655	200	650	730	645	614	715	650	705	635	645	630	655	655	630	710	645	645	650	642	650	825	650	640	640	200			
Read	90	70	75	75	65	65	40	20	70	70	22	09	20	45	75	09	20	20	20	55	55	85	09	09	65	70	20	20	20	20		90	
Date	09/01/20	09/02/20	09/03/20	09/04/20	09/05/20	09/06/20	09/01/20	09/08/20	09/09/20	09/10/20	09/11/20	09/12/20	09/13/20	09/14/20	09/15/20	09/16/20	09/17/20	09/18/20	09/19/20	09/20/20	09/21/20	09/22/20	09/23/20	09/24/20	09/25/20	09/26/20	09/27/20	09/28/20	09/29/20	09/30/20		Month Avg	

# Aeros Environmental, Inc. ASTM D-1945

Goleta Sanitary District Goleta Waste Water Treatment Plant One Varec 244E Digester Gas Flare

Project 179-2168 April 13, 2020

# Inlet Hydrocarbon Results Reported @ 60 °F

Calculated Results

Units	ပ်	ပိ	ပ်	ပံ	రో	-°5		Total	Total
of Measurement	Methane	Ethane(s)	Propane(s)	Butane(s)	Pentane(s)	Hexane(s)	Total	C <sub>2</sub> -C <sub>6</sub> +	C <sub>3</sub> -C <sub>6</sub> +
Run 1									
mdd	592770.00	00.0	2.19	0.45	0.13	68.63	592841.40	71.40	71.40
lb/hr	70.981	0.000	0.001	0.000	0.000	0.044	71.026	0.045	0.045
Run 2									
mdd	593820.00	00:00	2.19	0.44	0.10	75.28	593898.01	78.01	78.01
lb/hr	71.355	0.000	0.001	0.000	0.000	0.049	71.405	0.050	0.050
Run 3									
mdd	595160.00	0.00	2.21	0.45	0.10	75.82	595238.58	78.58	78.58
lb/hr	65.852	0.000	0.001	0.000	0.000	0.045	65.898	0.046	0.046

# Supporting Data

	Run 1	Run 2	Run 3	Average
scfm	47.34	47.50	43.74	46.19
dscf/MMBtu	9115	9115	9116	9115
Btu/cf	599	009	601	009

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

			All Keadings	All Readings in SCF, Daily usage based on the total for the month	usage based	on the total ro		aivided by the	divided by the days operated.				
	January	January February March	March	April	May	June	July	August	August September October November December Annual	October	November	December	Annual
Primary Flare (Device ID: 113016)	ce ID: 11301	6)											
Month Total	2,711,231	2,711,231 2,873,831 2,717,191 2,171,862 2,724,378	2,717,191	2,171,862	2,724,378	3,973,413	2,844,987	2,757,583	2,974,952	2,974,952 3,589,657	2,484,117	1,954,043 33,777,245	33,777,245
Days Operated	31	29	31	30	31	30	31	31	30	31	30	31	366
Daily Usage	87,459	99,098	87,651	72,395	87,883	132,447	91,774	88,954	99,165	115,795	82,804	63,034	92,288
Backup Flare (Device: 006329)	ce: 006329)												
Month Total													
Days Operated	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Usage													
Boiler 2 (Device ID: 388861)	: 388861)												
Month Total Biogas Use	1,285,026		1,303,788 1,542,975 1,402,084 1,100,106	1,402,084	1,100,106		921,616	890,031	515,454	182,550	1,070,312	1,201,584 11,415,526	11,415,526
Days on Biogas	31	29	31	30	29	0	30	31	19	7	28	31	296
Daily Usage on Biogas	41,452	44,958	49,773	46,736	37,935		30,721	28,711	27,129	26,079	38,225	38,761	38,566
Backup Flare Usage Detail	e Detail												

Reason

Date

# Goleta Sanitation 1 Willam Moffet Place Goleta CA 93117

Rite Boiler Boilen #2 Model SG2000

E INSTRUMENTS

Model E4500-N Serial number 4173

Fuel Digester Gas

Date		4/10/2020
Time		8:42:25
02	%	6.6
CO	ppm	42
CO2	%	8
Eff. tot	%	78.9
Loss tot	%	21.1
T gas	°F	528.2
Tair	°F	72.8
ΔΤ	°F	455.4
Exc. air	%	45
Eff. cond	%	0
NO	ppm	19.8
NO2	ppm	0.4
NOx	ppm	20.2
CO (3.0%)	ppm	52
NO (3.0%)	ppm	24.8
NO2 (3.0%)	ppm	0.5
NOx (3.0%)	ppm	25.3
Draft	inH2O	-0.161
Smoke		
CO max		
T flow		
P gas		



# Gold Coast Environmental



1886 Palma Drive, Suite I, Ventura, CA 93003

www.goldcoastenv.com

O: 805.498.3811

Manufacturer: FCI ST 98	Tra	ınsmitter Serial Number:	507737
Date: 3/25/20 Service Time: 11:15	Location/Tag#:	FIT 6210 / Main Flare	e -
Address: 1 Moffett Place, Goleta	, CA 93117		_
<sub>Company Name:</sub> Goleta Sanitary Di	strict		

Nominal Sensor Resistance	1000 ohms	EPROM Info:	Version:	Date:	CheckSum:
Indicated Temperature at Nominal Resistance	30.20 F		2.32	4/4/06	4AE3

Technician
DT

Delta 'R Ohms	VDC Across 250 Ohms	mA Output	Unit dR	Indicated Display
221.22	0.999	3.99	4096	0.000 SCFM
220.22	1.201	4.80	4084	15.22 SCFM
211.02	1.247	4.98	3913	18.70 SCFM
181.30	1.496	5.98	3360	37.34 SCFM
151.31	1.994	7.97	2802	74.59 SCFM
121.37	2.996	11.97	2245	149.7 SCFM
105.14	3.984	15.92	1943	223.8 SCFM
93.90	4.968	19.86	1734	297.6 SCFM

Version:	2.32	C5:	311.89750	Sensor:	2
Scale:	1.19988	Balance:	161	Tslp:	0.22820000
Serial #:	507737	Outz:	6565	Refr:	2225.39
Customer:	C080322	OutF:	32855	Caltemp:	67
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	Tottemp:	0	MaxFlow:	27.219
C3:	-11.28398	TotFlow:	369407.625	MinFlow:	1.1345
C4:	12.143650	RollOver:	1e6	Density:	0.07152420
C5:	0.0485410	Roll Cnt:	0	Line Size 0:	6.3570004
Poly Seg 2:		Outmode:	0	Line Size 1:	0.0000000
C1:	3801.2940	A/D Max:	3994	F. S:	300.0000
C2:	-805.6827	A/D Min:	1515		
C3:	6507.5750	K Factor:	1.0000		
C4:	-23316.29	Zero:	0.0000		



# Gold Coast Environmental



1886 Palma Drive, Suite I, Ventura, CA 93003

www.goldcoastenv.com

O: 805.498.3811

Company Name: Goleta Sanitary District

104.89

Address: 1 Moffett Place, Goleta, CA 93117

Date: 3/25/20 Service Time: 10:45am Location/Tag#: FIT 5001 / Stand-by Flare

Manufacturer: FCI ST 98 Transmitter Serial Number: 246282

Nominal Sensor Resistance 1000 ohms EPROM Info: Version: Date: CheckSum:

Indicated Temperature at Nominal Resistance 29.40 F 2.32 4/4/06 4AE3

Technician	Delta 'R Ohms	VDC Across 250 Ohms	mA Output	Unit dR	Indicated Display
DT	210.51	1.000	4.02	3880	0.000 SCFM
	209.51	1.402	5.63	3862	10.10 SCFM
	199.36	1.497	6.00	3673	12.52 SCFM
	167.08	1.998	8.00	3073	25.03 SCFM
	134.32	2.997	12.00	2464	50.02 SCFM
	116.46	3.995	15.99	2132	74.97 SCFM

4.982

Version:	2.32	C5:	-1.445928	Sensor:	2
Scale:	1.20023	Balance:	172	Tslp:	0.23453800
Serial #:	246282	Outz:	6613	Refr:	2232
Customer:	RA29307	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:	1	Tcslp2:	0.00000
C2:	-260.0252	Tottemp:	0	MaxFlow:	22.627
C3:	1254.7870	TotFlow:	30786.5371	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:	0.0000000
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		

19.98

1917

99.62 SCFM

FIT-6102



Model ST98L Flowmeter

5 La Costa Meadows Drive, San Marcos, CA 92078-5115

# **CALIBRATION CERTIFICATE**

# **GOLETA SANITARY DISTRICT**

Customer Order Number:	RA383310A	End User Name:	27/18
			N/A
Serial Number:	Boilen #7 503840-A	Part Number:	ST98L-231K21BA0CC
Purchase Order Number:	A20110	FCI Calibration Procedure:	19EN000020 Rev. C
Customer Flow Range:	2 to 100 SCFM	Local Tag #1:	N/A
Customer Line Size: 2.067 inches	s i.d. 2 inch sch. 40 (2.067 inch (5	Local Tag #2:	N/A
Customer Temperature Range:	40 to 90 deg F	Local Tag #3:	N/A
Customer Pressure Range:	10 in H2O(g) Normal	Remote Tag #1:	N/A
Customer Installation:	Horizontal / Side / Left to Right	Remote Tag #2:	N/A
Customer Standard Conditions:	70 deg F and 14.7 psia		N/A
Customer Actual Media:		Gas: Methane 58.8%, Carbon Dioxide 4	11 14% Nitrogen 0.06% (Vol%)
FCI Calibration Media:	8	Dioniae	
2 Of Cambration Modia.			Air 100%

# **Output Information**

Output: 4-20 mA = 0 to 100 SCFM (step = 2 SCFM @ 4.320 mA)

Calibration Equation:  $SCFM = 6.25 \times mA - 25.00$ 

# **Calibration Notes**

- Calibration performed using equipment traceable to N.I.S.T. (US National Institute of Standards and Technology) and ISO/IEC 17025, International Standards for Test lab Quality systems.
- Substitute gas and gas equivalency used for calibration. ORTAB Calibration.

# Final Flow Verification performed on Air Sonic Nozzle Stand

Desired	Model ST98L	Actual	Allowed
SCFM	Indicated	% Reading	% Reading
Per Stand	SCFM	Difference	San recover
		Difference	<u>Difference</u>
101.3	101.5	+0.28	±1.49
74.17	74.52	+0.47	±1.67
50.06	50.20	+0.28	
2 1 2 2		+0.20	±2.00
24.98	25.19	+0.84	±3.00

# N.I.S.T. Traceable Equipment: Air Sonic Nozzle Stand

Calibration Control Number	Calibration Date	Calibration Due date	Equipment Description
EL-961	13-Jan-20	13-Jan-21	HP Data Acquisition Unit
FM-082	5-Nov-19	5-Nov-21	Sonic Nozzle (0.054")
FM-083	6-Nov-19	6-Nov-21	Sonic Nozzle (0.125")
FM-084	6-Nov-19	6-Nov-21	Sonic Nozzle (0.298")
FM-090	28-Jun-19	28-Jun-21	Sonic Nozzle (0.023")
FM-113	8-Jul-19	8-Jul-21	Sonic Nozzle (0.0095")
FM-197	7-Nov-19	7-Nov-21	Sonic Nozzle (0.006")
PG-218	19-Nov-19	19-Nov-20	Ruska Press. (0-150 PSIA)
PG-353	16-Dec-19	16-Jun-20	Pressure Transducer (TS)
TE-041	5-Feb-20	5-Feb-21	Temperature RTD (CV)
TE-042	5-Feb-20	5-Feb-21	Temperature RTD (TS)

Technician: P. Gonzales (Calibration Date: 02-05-20

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						All F	All Readings in PPM H2S.	TM H2S.					
	Jan	uary F	January February March	March	April	May	June	July	August	August September October November December	October	November	December
Carbon Canister (Device ID: 104281)	r (Device	ID: 104;	281)										
Date	01/2	01/22/20 02/25/20		03/18/20	04/20/20	05/20/20	06/17/20	07/20/20	08/10/20	09/15/20	10/20/20	11/17/20	12/20/20
Reading	ing	0	0	0	0	0	0	0	0	0	0	0	0
Headworks Odor Control System (Device ID: 113019)	or Control	Systen	n (Device l	D: 113019)									
Date	01/2	01/28/20	02/23/20	03/23/20	04/20/20	05/27/20	06/24/20	07/31/20	08/19/20	09/08/20	10/06/20	11/08/20	12/09/20
Reading	ing	0	0	0	0	0	0	0	0	0	0	0	0
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# 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: <a href="www.ourair.org/dice-atcm">www.ourair.org/dice-atcm</a>.

Company Name	Goleta Sanitary District		
Contact Name	John Crisman	Phone #	(805)967-4519
FID No.	01528	Permit No.	05861-R9

Engine Data	
Engine Location (Address, Nearest Cross Streets, or Lease)	One William Moffett Place, James Fowler Road
Manufacturer	Generac
Model Name	13237430600
Maximum Rated Brake Horsepower (bhp)	804 BHP 600 KW
Serial Number 2113102	APCD Device Number 113017

Initial Startup <sup>†</sup> (Hours):	Reporting Year: 2020
Hour Meter Reading as of January 1st o	f the Reporting Year: 155.7

Month			HOURS OF OPE	RATION			Hour Meter
	EMERGENCY USE	MAINTENANCE & TESTING	EMISSIONS TESTING	INITIAL STARTUP	OTHER USES	NFPA 25/ 110 USE	- READING AT THE END OF THE MONTH
JANUARY		1.9		-			157.6
FEBRUARY		1.7					159.3
March		1.8					161.1
APRIL		1.0					162.1
May		1.8					163.9
JUNE		1.8					165.7
JULY		1.7					167.4
AUGUST	31.8						199.2
SEPTEMBER	62.5	0.9					262.6
OCTOBER		2.0					264.6
NOVEMBER		1.7	1				266.3
DECEMBER		1.8					268.1
TOTAL	94.3	18.1					

### 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 <a href="mailto:annualreport@sbcapcd.org">annualreport@sbcapcd.org</a> (FAXES NOT ACCEPTED)

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

Does this annual report contain confidential information	n? □ Yes ☑ No	
All information claimed as confidential must be submitted Confidential Information): http://www.ourair.org/wp-contideemed a waiver by the applicant of the right to protect	ent/uploads/6100-020.pdf. Failure	to follow the required procedures shall b
I certify that the information provided is accurate and o	complete to the best of my know	vledge.
Signatura Million	John W Crisman Print name / date	/1.11.21
Oignature	Tillit flame / 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) 961-8800. *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

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Company Name	Goleta Sanitary District		
Contact Name	John Crisman	Phone #	(805)967-4519
FID No.	01528	Permit No.	05861-R9

Engine Data			
Engine Location (Address, Nearest Cross Streets, or Lease)	One William Moffett Place, James Fowler Road		
Manufacturer	Generac		
Model Name	13237430600		
Maximum Rated Brake Horsepower (bhp)	804 BHP 600 KW		
Serial Number 2113103	APCD Device Number 113018		

Initial Startup <sup>†</sup> (Hours):	Reporting Year: 2020
Hour Meter Reading as of January 1st of th	ne Reporting Year: 145.7

Month	HOURS OF OPERATION					HOUR METER	
	EMERGENCY USE	MAINTENANCE & TESTING	Emissions Testing	INITIAL STARTUP	OTHER USES	NFPA 25/ 110 USE	READING AT THE END OF THE MONTH
JANUARY		1.7					147.4
FEBRUARY		1.8					149.1
March		0.7					150.9
APRIL		1.9					151.6
MAY		1.7					153.5
JUNE		1.7					155.2
JULY		1.7					156.9
AUGUST	17.0	1.1					175.0
September		2.8					177.8
Остовек		1.8					179.6
November		1.7					181.3
DECEMBER		1.7					183.0
TOTAL	17.0	20.3					

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

Does this annual report contain confidential information	? □ Yes ☑ No	
All information claimed as confidential must be submitted Confidential Information): http://www.ourair.org/wp-conter deemed a waiver by the applicant of the right to protect so	nt/uploads/6100-020.pdf. Failure to fo	ollow the required procedures shall be
I certify that the information provided is accurate and co	mplete to the best of my knowled	lge.
Ale Aller	John W Crisman	/1.11.21
Signature	Print name / date	

# ANNUAL REPORT INSTRUCTIONS FOR DIESEL-FIRED E/S ENGINE

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# 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

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Company Name	Goleta Sanitary District		
Contact Name	John Crisman	Phone #	(805)967-4519
FID No.	11309	Permit No.	13477-R3

ENGINE DATA				
Engine Location (Address, Nearest Cross Streets, or Lease)	101 John Donald, Santa Barbara			
Manufacturer	Cummins			
Model Name	QSB5-G3 NR3			
Maximum Rated Brake Horsepower (bhp)	145 BHP 108KW			
Serial Number 73115400	APCD Device Number 113115			

Initial Startup <sup>†</sup> (Hours):	Reporting Year: 2020
Hour Meter Reading as of January 1st of the	he Reporting Year: 97.2

Month	Hours of Operation					Hour Meter	
	EMERGENCY USE	MAINTENANCE & TESTING	EMISSIONS TESTING	INITIAL STARTUP	OTHER USES	NFPA 25/ 110 USE	- READING AT THE END OF THE MONTH
JANUARY		1.8					99.0
FEBRUARY		1.8					100.8
MARCH		1.7					102.5
APRIL		1.1					103.6
Мау		1.9					105.5
JUNE		1.8					107.3
JULY		1.7					109.0
AUGUST		1.8					110.8
September		1.8					112.6
OCTOBER		1.7					114.3
November		2.3					116.6
DECEMBER	0.5	1.8					118.9
TOTAL	0.5	21.2					

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

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All information claimed as confidential must be submitted in according Confidential Information): http://www.ourair.org/wp-content/uploadeemed a waiver by the applicant of the right to protect such info	ads/6100-020.pdf. Failure to foll ormation from public disclosure.	ow the required procedures shall be
I certify that the information provided is accurate and complete	e to the best of my knowledg	e.
WALL MILLS	John W Crisman	<sub>/</sub> 1.11.21
Signature	Print name / date	
//		

# ANNUAL REPORT INSTRUCTIONS FOR DIESEL-FIRED E/S ENGINE

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# **Letter of Conformance**

January 6, 2021

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to Goleta Sanitary District from 1/1/2020-12/31/2020

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



### MCCORMIX CORP.

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

# LETTER OF CONFORMANCE 01/06/2021

This is to certify that CARB ULS dyed diesel sold and delivered to:

# Goleta Sanitary District for calendar year 2020

Was in compliance with SCAQMD requirements for Santa Barbara County.

The sulfur content is guaranteed to be less that n.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