RECEIVED
US EPA, DALLAS, TX
ASSOCIATE DIRECTOR
18 NOV -2 PM 1:3

PRICE ENERGY CONSULTING, LLC
P. O. BOX 50676
MIDLAND, TX 79710-0676
(432) 528-2777

October 30, 2018

US EPA, District 6 Office
Air NSPS Section Administrator
1445 Ross Avenue
Dallas, TX 75202

Re: COG Operating, LLC
NSPS OOOOa Annual Report

Dear Madam/Sir:

Enclosed, please find the Annual Report for 40 CFR Part 60, OOOOa for the above referenced company. The report covers the compliance period beginning August 2, 2017 through August 1, 2018.

If you have any questions or require additional information, please me at (432) 528-2777.

Sincerely,

Robert "Andy" Price

Enclosures

Cc: TCEQ, Region 7
9900 W IH-20, Ste. 100
Midland, TX 79706

Robert McNeill, COG Operating, LLC – Midland, TX

COG Operating, LLC
NSPS OOOOa Annual Report
8/2/2017 – 8/1/2018

CERTIFICATION STATEMENT

The signature below confirms that based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete.

Robert McNeill

10-30-18

Robert McNeill
Sr. HSE Advisor
COG Operating, LLC
(432) 685-4304

Date

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1125	COG Operating LLC	Arch Benge C1 2404BH	42-329-41540	Not Applicable	Midland	TX	31.81655	-102.12361	8/2/2017	8/1/2018	
1126	COG Operating LLC	Arch Benge C2 2404LH	42-329-41536	Not Applicable	Midland	TX	31.81652	-102.12375	8/2/2017	8/1/2018	
1127	COG Operating LLC	Barstow Unit 34-173 7351H	42-475-37310	Not Applicable	Ward	TX	31.46656	-103.36608	8/2/2017	8/1/2018	
1128	COG Operating LLC	Brass Monkey St Unit 853H	42-389-35717	Not Applicable	Reeves	TX	31.38947	-103.88832	8/2/2017	8/1/2018	
1129	COG Operating LLC	Brass Monkey St Unit 874H	42-389-35643	Not Applicable	Reeves	TX	31.08175	-103.40033	8/2/2017	8/1/2018	
1130	COG Operating LLC	Brass Monkey State Unit 852H	42-389-35719	Not Applicable	Reeves	TX	31.38908	-103.38669	8/2/2017	8/1/2018	
1131	COG Operating LLC	Brass Monkey State Unit 801H	42-389-35712	Not Applicable	Reeves	TX	31.38907	-103.38447	8/2/2017	8/1/2018	
1132	COG Operating LLC	Brass Monkey State Unit 802HR	42-389-36165	Not Applicable	Reeves	TX	31.38909	-103.38640	8/2/2017	8/1/2018	
1133	COG Operating LLC	Brass Monkey State Unit 804H	42-389-35714	Not Applicable	Reeves	TX	31.38910	-103.38475	8/2/2017	8/1/2018	
1134	COG Operating LLC	Brass Monkey State Unit 805-H	42-389-35715	Not Applicable	Reeves	TX	31.38945	-103.38869	8/2/2017	8/1/2018	
1135	COG Operating LLC	Brass Monkey State Unit 851H	42-389-35713	Not Applicable	Reeves	TX	31.38909	-103.38461	8/2/2017	8/1/2018	
1136	COG Operating LLC	California Chrome 5003-H	42-475-37320	Not Applicable	Ward	TX	31.50190	-103.46480	8/2/2017	8/1/2018	
1137	COG Operating LLC	Carpenter E Unit 227H	42-109-33063	Not Applicable	Culberson	TX	31.99917	-104.04241	8/2/2017	8/1/2018	
1138	COG Operating LLC	Carpenter F Unit 226H	42-109-33068	Not Applicable	Culberson	TX	31.99917	-104.04241	8/2/2017	8/1/2018	
1139	COG Operating LLC	Currie 3408	43-173-37799	Not Applicable	Glasscock	TX	31.81385	-101.38875	8/2/2017	8/1/2018	
1140	COG Operating LLC	Elbow Down 824H	42-109-33225	Not Applicable	Culberson	TX	31.98215	-104.19153	8/2/2017	8/1/2018	
1141	COG Operating LLC	Grissom 1834H	42-109-33137	Not Applicable	Culberson	TX	31.95704	-104.09944	8/2/2017	8/1/2018	
1142	COG Operating LLC	Grissom 1833H	42-109-33136	Not Applicable	Culberson	TX	31.95704	-104.09934	8/2/2017	8/1/2018	
1143	COG Operating LLC	Grissom 1835H	42-109-33125	Not Applicable	Culberson	TX	31.96975	-104.10516	8/2/2017	8/1/2018	
1144	COG Operating LLC	Grissom 1836H	42-109-33124	Not Applicable	Culberson	TX	31.96975	-104.10525	8/2/2017	8/1/2018	
1145	COG Operating LLC	Grissom 1837H	42-109-33117	Not Applicable	Culberson	TX	31.96975	-104.10535	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1146	COG Operating LLC	Grissom 1838H	42-109-33116	Not Applicable	Culberson	TX	31.96975	-104.10545	8/2/2017	8/1/2018	
1147	COG Operating LLC	Grissom A 3023H	42-109-32954	Not Applicable	Culberson	TX	31.94915	-104.09721	8/2/2017	8/1/2018	
1148	COG Operating LLC	Grissom A 3021H	42-109-33083	Not Applicable	Culberson	TX	31.94089	-104.10731	8/2/2017	8/1/2018	
1149	COG Operating LLC	Haley JF D1 1001 LH	42-329-42001	Not Applicable	Midland	TX	31.84750	-102.16104	8/2/2017	8/1/2018	
1150	COG Operating LLC	Haley JF D2 1001 BH	42-329-42009	Not Applicable	Midland	TX	31.84747	-102.16118	8/2/2017	8/1/2018	
1151	COG Operating LLC	Ice Man Unit 1401-H	42-389-35801	Not Applicable	Reeves	TX	31.38070	-103.48340	8/2/2017	8/1/2018	
1152	COG Operating LLC	Intergalactic Unit 7301H	42-475-37315	Not Applicable	Ward	TX	31.46665	-103.36598	8/2/2017	8/1/2018	
1153	COG Operating LLC	Johnny Ryall Unit 1101H	42-389-35742	Not Applicable	Reeves	TX	31.38876	-103.35860	8/2/2017	8/1/2018	
1154	COG Operating LLC	Johnny Ryall Unit 1102H	42-389-35740	Not Applicable	Reeves	TX	31.38879	-103.35888	8/2/2017	8/1/2018	
1155	COG Operating LLC	Johnny Ryall Unit 1151H	42-389-35741	Not Applicable	Reeves	TX	31.38878	-103.35874	8/2/2017	8/1/2018	
1156	COG Operating LLC	Karen P1 Unit 5101BH	42-461-40391	Not Applicable	Upton	TX	31.43673	-102.03406	8/2/2017	8/1/2018	
1157	COG Operating LLC	Karen P1 Unit 5102BH	42-461-40390	Not Applicable	Upton	TX	31.43680	-102.03378	8/2/2017	8/1/2018	
1158	COG Operating LLC	Karen P1 Unit 5118AH	42-461-40387	Not Applicable	Upton	TX	31.43677	-102.03392	8/2/2017	8/1/2018	
1159	COG Operating LLC	Lorena 814H	42-109-33226	Not Applicable	Culberson	TX	31.98215	-104.19144	8/2/2017	8/1/2018	
1160	COG Operating LLC	Mabee 24 2306 LH	42-003-47408	Not Applicable	Andrews	TX	32.28354	-102.22162	8/2/2017	8/1/2018	
1161	COG Operating LLC	Mabee 24 2306 MH	42-003-47407	Not Applicable	Andrews	TX	32.28351	-102.22176	8/2/2017	8/1/2018	
1162	COG Operating LLC	Mabee 24 2308BH	42-003-47492	Not Applicable	Andrews	TX	32.28022	-102.22657	8/2/2017	8/1/2018	
1163	COG Operating LLC	Mabee 24 2308LH	42-003-47460	Not Applicable	Andrews	TX	32.28268	-102.22625	8/2/2017	8/1/2018	
1164	COG Operating LLC	Mabee 24 2308MS	42-003-47542	Not Applicable	Andrews	TX	32.28274	-102.22597	8/2/2017	8/1/2018	
1165	COG Operating LLC	Mabee 24 2311 SH	42-003-47406	Not Applicable	Andrews	TX	32.28348	-102.22190	8/2/2017	8/1/2018	
1166	COG Operating LLC	Mabee 24 2312SH	42-003-47461	Not Applicable	Andrews	TX	32.28265	-102.22639	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1167	COG Operating LLC	Mabee 24 2307LH	42-003-47409	Not Applicable	Andrews	TX	32.28313	-102.22346	8/2/2017	8/1/2018	
1168	COG Operating LLC	Mabee 24 2307MH	42-003-47409	Not Applicable	Andrews	TX	32.28313	-102.22346	8/2/2017	8/1/2018	
1169	COG Operating LLC	Mabee 240C 1102LH	42-003-47466	Not Applicable	Andrews	TX	32. 289507	-102.24932	8/2/2017	8/1/2018	
1170	COG Operating LLC	Mabee 240C 1102MH	42-003-47467	Not Applicable	Andrews	TX	32. 289507	-102.24932	8/2/2017	8/1/2018	
1171	COG Operating LLC	Mabee 240C 1106 LH	42-003-47642	Not Applicable	Andrews	TX	32.28759	-102.25744	8/2/2017	8/1/2018	
1172	COG Operating LLC	Mabee 240C 1106 MH	42-003-47643	Not Applicable	Andrews	TX	32.28756	-102.25758	8/2/2017	8/1/2018	
1173	COG Operating LLC	Mabee 240C 2601LH	42-003-47438	Not Applicable	Andrews	TX	32.28228	-102.22803	8/2/2017	8/1/2018	
1174	COG Operating LLC	Mabee 240C 1103LH	42-003-47468	Not Applicable	Andrews	TX	32.28913	-102.25092	8/2/2017	8/1/2018	
1175	COG Operating LLC	Mabee 240C 1103MH	42-003-47469	Not Applicable	Andrews	TX	32.28910	-102.25106	8/2/2017	8/1/2018	
1176	COG Operating LLC	Mabee 240C 2601 BH	42-003-47498	Not Applicable	Andrews	TX	32.28016	-102.22685	8/2/2017	8/1/2018	
1177	COG Operating LLC	Mabee 240C 2601AH	42-003-47497	Not Applicable	Andrews	TX	32.28019	-102.22671	8/2/2017	8/1/2018	
1178	COG Operating LLC	Mabee 240C 2601MH	42-003-47439	Not Applicable	Andrews	TX	32.28231	-102.22789	8/2/2017	8/1/2018	
1179	COG Operating LLC	Neal Ranch 42B Unit 4231AH	42-461-40541	Not Applicable	Upton	TX	31.50988	-102.09749	8/2/2017	8/1/2018	
1180	COG Operating LLC	Neal Ranch "38" 9	42-461-40147	Not Applicable	Upton	TX	31.51800	-102.12500	8/2/2017	8/1/2018	
1181	COG Operating LLC	Neal Ranch 38 C Unit 3801BH	42-461-40258	Not Applicable	Upton	TX	31.50396	-102.01229	8/2/2017	8/1/2018	
1182	COG Operating LLC	Neal Ranch 38C Unit 3802BH	42-461-40253	Not Applicable	Upton	TX	31.50396	-102.01229	8/2/2017	8/1/2018	
1183	COG Operating LLC	Neal Ranch 42B Unit 4201BH	42-461-40543	Not Applicable	Upton	TX	31.50971	-102.29728	8/2/2017	8/1/2018	
1184	COG Operating LLC	Neal Ranch 42B Unit 4202BH	42-461-40542	Not Applicable	Upton	TX	31.50979	-102.09739	8/2/2017	8/1/2018	
1185	COG Operating LLC	Neal Ranch 57 Unit 5701 BH	42-461-40662	Not Applicable	Upton	TX	31.48688	-102.06874	8/2/2017	8/1/2018	
1186	COG Operating LLC	Neal Ranch 57 Unit 5702 BH	42-461-40660	Not Applicable	Upton	TX	31.48695	-102.06846	8/2/2017	8/1/2018	
1187	COG Operating LLC	Neal Ranch 57 Unit 5728 AH	42-461-40061	Not Applicable	Upton	TX	31.48692	-102.06860	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1188	COG Operating LLC	Parks Field Unit 2 2308LH	42-329-41499	Not Applicable	Midland	TX	31.80513	-102.14516	8/2/2017	8/1/2018	
1189	COG Operating LLC	Parks Field Unit 2 2308MH	42-329-41498	Not Applicable	Midland	TX	31.80510	-102.14530	8/2/2017	8/1/2018	
1190	COG Operating LLC	PFU 1458BH	42-329-41609	Not Applicable	Midland	TX	31.82784	-102.15444	8/2/2017	8/1/2018	
1191	COG Operating LLC	PFU 1458LH	42-329-41537	Not Applicable	Midland	TX	31.81648	-102.12388	8/2/2017	8/1/2018	
1192	COG Operating LLC	PFU 2 1807 LH	42-329-41740	Not Applicable	Midland	TX	31.81950	-102.12881	8/2/2017	8/1/2018	
1193	COG Operating LLC	PFU 2 2308 BH	42-329-41501	Not Applicable	Midland	TX	31.48180	-102.84600	8/2/2017	8/1/2018	
1194	COG Operating LLC	PFU 2 1805SH	42-329-41537	Not Applicable	Midland	TX	31.81648	-102.12389	8/2/2017	8/1/2018	
1195	COG Operating LLC	PFU 2 1806LH	42-329-41741	Not Applicable	Midland	TX	31.81938	-102.12877	8/2/2017	8/1/2018	
1196	COG Operating LLC	PFU 3 1008LH	42-329-41516	Not Applicable	Midland	TX	31.65717	-102.11661	8/2/2017	8/1/2018	
1197	COG Operating LLC	PFU 3 1008 BH	42-329-41517	Not Applicable	Midland	TX	31.65572	-102.11675	8/2/2017	8/1/2018	
1198	COG Operating LLC	PFU 3 103AH	42-329-41612	Not Applicable	Midland	TX	31.67770	-102.15380	8/2/2017	8/1/2018	
1199	COG Operating LLC	PFU3 102 BH	42-329-41611	Not Applicable	Midland	TX	31.67784	-102.15382	8/2/2017	8/1/2018	
1200	COG Operating LLC	PFU3 102 LH	42-329-41615	Not Applicable	Midland	TX	31.67772	-102.15438	8/2/2017	8/1/2018	
1201	COG Operating LLC	PFU3 103BH	42-329-41613	Not Applicable	Midland	TX	31.67791	-102.15354	8/2/2017	8/1/2018	
1202	COG Operating LLC	PFU3 103LH	42-329-41614	Not Applicable	Midland	TX	31.67779	-102.15350	8/2/2017	8/1/2018	
1203	COG Operating LLC	Phoenix B Unit 7603-H	42-389-36036	Not Applicable	Reeves	TX	31.05999	-103.40473	8/2/2017	8/1/2018	
1204	COG Operating LLC	Prairie Flower Unit 7705H	42-389-36300	Not Applicable	Reeves	TX	31.06752	-103.39505	8/2/2017	8/1/2018	
1205	COG Operating LLC	Ratliff I Unit 4401MH	42-135-43532	Not Applicable	Ector	TX	31.92766	-102.32067	8/2/2017	8/1/2018	
1206	COG Operating LLC	Ratliff K Unit 4406LH	42-135-43533	Not Applicable	Ector	TX	31.92759	-102.32094	8/2/2017	8/1/2018	
1207	COG Operating LLC	Ratliff K Unit 4406MH	42-135-43534	Not Applicable	Ector	TX	31.92762	-102.32080	8/2/2017	8/1/2018	
1208	COG Operating LLC	Ridgeway 3603H	42-389-36690	Not Applicable	Reeves	TX	31.03067	-103.40062	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1209	COG Operating LLC	Roy Parks B 3306 LH	42-329-41780	Not Applicable	Midland	TX	31.86161	-102.27486	8/2/2017	8/1/2018	
1210	COG Operating LLC	Roy Parks B 3306 MH	42-329-41783	Not Applicable	Midland	TX	31.86158	-102.27500	8/2/2017	8/1/2018	
1211	COG Operating LLC	Sam Bird 6-3 1H	42-389-35838	Not Applicable	Reeves	TX	31.39976	-103.42708	8/2/2017	8/1/2018	
1212	COG Operating LLC	Sam Bird 6-3 71H	42-389-36704	Not Applicable	Reeves	TX	31.40037	-103.43036	8/2/2017	8/1/2018	
1213	COG Operating LLC	Screaming Eagle Unit3802H	42-389-36517	Not Applicable	Reeves	TX	31.08399	-103.39779	8/2/2017	8/1/2018	
1214	COG Operating LLC	Shepard State 823H	42-109-33277	Not Applicable	Culberson	TX	31.97190	-104.09095	8/2/2017	8/1/2018	
1215	COG Operating LLC	Sure Shot Unit 901H	42-389-35220	Not Applicable	Reeves	TX	31.39600	-103.37731	8/2/2017	8/1/2018	
1216	COG Operating LLC	Sure Shot Unit 903H	42-389-35845	Not Applicable	Reeves	TX	31.38486	-103.38322	8/2/2017	8/1/2018	
1217	COG Operating LLC	The Sphinx 701H	42-389-35650	Not Applicable	Reeves	TX	31.39378	-103.38981	8/2/2017	8/1/2018	
1218	COG Operating LLC	The Boss Unit 204H	42-389-36567	Not Applicable	Reeves	TX	31.31634	-103.28943	8/2/2017	8/1/2018	
1219	COG Operating LLC	The Sphinx 703H	42-389-35874	Not Applicable	Reeves	TX	31.39504	-103.39717	8/2/2017	8/1/2018	
1220	COG Operating LLC	Timberwolf St Unit 1752H	42-389-35210	Not Applicable	Reeves	TX	31.36793	-103.39058	8/2/2017	8/1/2018	
1221	COG Operating LLC	Timberwolf State Unit1792H	42-389-35209	Not Applicable	Reeves	TX	31.36797	-103.38907	8/2/2017	8/1/2018	
1222	COG Operating LLC	TXL T1 2701BH	42-461-40513	Not Applicable	Upton	TX	31.52649	-102.15737	8/2/2017	8/1/2018	
1223	COG Operating LLC	TXL T2 2731AH	42-461-40514	Not Applicable	Upton	TX	31.52647	-102.15714	8/2/2017	8/1/2018	
1224	COG Operating LLC	TXL T3 2702BH	42-461-40515	Not Applicable	Upton	TX	31.52644	-102.15709	8/2/2017	8/1/2018	
1225	COG Operating LLC	Tycoon D 703H	42-389-35231	Not Applicable	Reeves	TX	31.38580	-103.36898	8/2/2017	8/1/2018	
1226	COG Operating LLC	Tycoon D 751H	42-389-35296	Not Applicable	Reeves	TX	31.38575	-103.36885	8/2/2017	8/1/2018	
1227	COG Operating LLC	Tycoon D 752H	42-389-35295	Not Applicable	Reeves	TX	31.38586	-103.36911	8/2/2017	8/1/2018	
1228	COG Operating LLC	Tycoon E 1052 H	43-389-35367	Not Applicable	Reeves	TX	31.38591	-103.36924	8/2/2017	8/1/2018	
1229	COG Operating LLC	Uncompaghre St Unit 9702H	42-389-36501	Not Applicable	Reeves	TX	30.99446	-103.39031	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
1230	COG Operating LLC	Vanessa P1 Unit 5201BH	42-461-40393	Not Applicable	Upton	TX	31.43499	-102.03367	8/2/2017	8/1/2018	
1231	COG Operating LLC	Vanessa P1 Unit 5228AH	42-461-40392	Not Applicable	Upton	TX	31.43491	-102.03381	8/2/2017	8/1/2018	
1232	COG Operating LLC	Vanessa P1 Unit 5202BH	42-461-40393	Not Applicable	Upton	TX	31.43499	-102.03367	8/2/2017	8/1/2018	
1233	COG Operating LLC	Wetherbee Unit 422H	42-109-33160	Not Applicable	Culberson	TX	31.98600	-104.06700	8/2/2017	8/1/2018	
1234	COG Operating LLC	Wetherbee Unit 424H	42-109-33161	Not Applicable	Culberson	TX	31.98593	-104.07739	8/2/2017	8/1/2018	
1235	COG Operating LLC	White Crow Unit 3202-H	42-389-36539	Not Applicable	Reeves	TX	31.03790	-103.47110	8/2/2017	8/1/2018	
1236	COG Operating LLC	Windham B1 3008LH	42-461-40693	Not Applicable	Upton	TX	31.63312	-102.09103	8/2/2017	8/1/2018	
1237	COG Operating LLC	Windham B10 3006BH	42-461-40692	Not Applicable	Upton	TX	31.63181	-102.09539	8/2/2017	8/1/2018	
1238	COG Operating LLC	Windham B2 3008BH	42-461-40691	Not Applicable	Upton	TX	31.63316	-102.09089	8/2/2017	8/1/2018	
1239	COG Operating LLC	Windham B3 3008SH	42-461-40705	Not Applicable	Upton	TX	31.63269	-102.09343	8/2/2017	8/1/2018	
1240	COG Operating LLC	Windham B5 3008CH	42-461-40694	Not Applicable	Upton	TX	31.63309	-102.09117	8/2/2017	8/1/2018	
1241	COG Operating LLC	Windham B6 3007LH	42-461-40699	Not Applicable	Upton	TX	31.63257	-102.09339	8/2/2017	8/1/2018	
1242	COG Operating LLC	Windham B7 3007BH	42-461-40695	Not Applicable	Upton	TX	31.63233	-102.09331	8/2/2017	8/1/2018	
1243	COG Operating LLC	Windham B8 3007SH	42-461-40689	Not Applicable	Upton	TX	31.63205	-102.09547	8/2/2017	8/1/2018	
1244	COG Operating LLC	Windham B9 3006LH	42-461-40690	Not Applicable	Upton	TX	31.63193	-102.09543	8/2/2017	8/1/2018	
2110	COG Operating LLC	Azores Federal 6H	30-025-43845	Not Applicable	Lea	NM	32.18164	-103.69366	8/2/2017	8/1/2018	
2111	COG Operating LLC	Azores Federal 9H	30-025-43758	Not Applicable	Lea	NM	32.18159	-103.70326	8/2/2017	8/1/2018	
2112	COG Operating LLC	Becknell St. Com 4H	30-025-43856	Not Applicable	Lea	NM	32.50439	-103.60212	8/2/2017	8/1/2018	
2113	COG Operating LLC	BKU 946H	30-015-44100	Not Applicable	Eddy	NM	32.82583	-104.03745	8/2/2017	8/1/2018	
2114	COG Operating LLC	BKU 955H	30-015-54415	Not Applicable	Eddy	NM	32.82443	-104.03562	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
2115	COG Operating LLC	BKU 962H	30-015-44149	Not Applicable	Eddy	NM	32.82308	-104.01985	8/2/2017	8/1/2018	
2116	COG Operating LLC	BKU 964H	30-015-44079	Not Applicable	Eddy	NM	32.82304	-104.01985	8/2/2017	8/1/2018	
2117	COG Operating LLC	Bobwhite 12 St Com 12H	30-025-44270	Not Applicable	Lea	NM	32.49990	-103.52128	8/2/2017	8/1/2018	
2118	COG Operating LLC	Bobwhite 12 St Com 2H	30-025-43233	Not Applicable	Lea	NM	32.49999	-103.52348	8/2/2017	8/1/2018	
2119	COG Operating LLC	Bobwhite 12 St Com 7H	30-025-43049	Not Applicable	Lea	NM	32.49989	-103.52218	8/2/2017	8/1/2018	
2120	COG Operating LLC	Branex-COG Fed Com 25H	30-025-44004	Not Applicable	Lea	NM	32.84749	-103.77918	8/2/2017	8/1/2018	
2121	COG Operating LLC	Branex-COG Fed Com 17H	30-025-43743	Not Applicable	Lea	NM	32.84451	-103.77963	8/2/2017	8/1/2018	
2122	COG Operating LLC	Burkett 16 State 12H	30-015-44268	Not Applicable	Eddy	NM	32.83849	-103.87088	8/2/2017	8/1/2018	
2123	COG Operating LLC	Carmen 3 Fed Com 91H	30-015-44271	Not Applicable	Eddy	NM	32.89647	-103.95121	8/2/2017	8/1/2018	
2124	COG Operating LLC	Columbus Fed Com 21H	30-025-43693	Not Applicable	Lea	NM	32.09356	-103.55586	8/2/2017	8/1/2018	
2125	COG Operating LLC	Columbus Fed Com 22H	30-025-43693	Not Applicable	Lea	NM	32.09346	-103.55856	8/2/2017	8/1/2018	
2126	COG Operating LLC	Columbus Fee 24H	30-025-43490	Not Applicable	Lea	NM	32.09356	-103.55832	8/2/2017	8/1/2018	
2127	COG Operating LLC	Coonskin Fee25H	30-025-43683	Not Applicable	Lea	NM	32.19505	-103.37303	8/2/2017	8/1/2018	
2128	COG Operating LLC	Copperhead 31 Fee 20H	30-015-44319	Not Applicable	Eddy	NM	32.00179	-104.03069	8/2/2017	8/1/2018	
2129	COG Operating LLC	Copperhead Fed Com 21H	30-015-44118	Not Applicable	Eddy	NM	32.02031	-104.02052	8/2/2017	8/1/2018	
2130	COG Operating LLC	Craig Fed Com 12H	30-015-44208	Not Applicable	Eddy	NM	32.07703	-104.25218	8/2/2017	8/1/2018	
2131	COG Operating LLC	Craig Fed Com 2H	30-015-44209	Not Applicable	Eddy	NM	32.07703	-104.25228	8/2/2017	8/1/2018	
2132	COG Operating LLC	Dodd Fed Unit 917H	30-015-44128	Not Applicable	Eddy	NM	32.83888	-104.05429	8/2/2017	8/1/2018	
2133	COG Operating LLC	Dodd Fed Unit 923H	30-015-44151	Not Applicable	Eddy	NM	32.82855	-104.03696	8/2/2017	8/1/2018	
2134	COG Operating LLC	Dodd Fed Unit 908H	30-015-44274	Not Applicable	Eddy	NM	32.85511	-104.05400	8/2/2017	8/1/2018	
2135	COG Operating LLC	Dodd Fed Unit 920H	30-015-44368	Not Applicable	Eddy	NM	32.83352	-104.03698	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
2136	COG Operating LLC	Fascinator Fee 24H	30-025-43855	Not Applicable	Lea	NM	32.20228	-103.40474	8/2/2017	8/1/2018	
2137	COG Operating LLC	Graham Cracker 2 St. 1H	30-015-42282	Not Applicable	Eddy	NM	32.06595	-104.05066	8/2/2017	8/1/2018	
2138	COG Operating LLC	Malco 23 Fed Com 13H	30-015-44297	Not Applicable	Eddy	NM	32.82714	-104.14964	8/2/2017	8/1/2018	
2139	COG Operating LLC	Mas Fed Com 2H	30-025-44214	Not Applicable	Lea	NM	32.53620	-103.54115	8/2/2017	8/1/2018	
2140	COG Operating LLC	Mas Federal Com 1H	30-025-44092	Not Applicable	Lea	NM	32.53620	-103.53687	8/2/2017	8/1/2018	
2141	COG Operating LLC	Montera Fed Com 23H	30-025-43924	Not Applicable	Lea	NM	32.13803	-103.35813	8/2/2017	8/1/2018	
2142	COG Operating LLC	Myox 20 Fed Com 5H	30-015-44296	Not Applicable	Eddy	NM	32.12150	-104.10711	8/2/2017	8/1/2018	
2143	COG Operating LLC	Myox 21 ST Com 1H	30-015-41745	Not Applicable	Eddy	NM	32.10853	-104.09872	8/2/2017	8/1/2018	
2144	COG Operating LLC	Myox 21 St Com 4H	30-015-41743	Not Applicable	Eddy	NM	32.10864	-104.08457	8/2/2017	8/1/2018	
2145	COG Operating LLC	Nelson Fed Com 13H	30-025-43705	Not Applicable	Lea	NM	32.83371	-103.75617	8/2/2017	8/1/2018	
2146	COG Operating LLC	Nelson Fed Com 23H	30-025-43706	Not Applicable	Lea	NM	32.83314	-103.75601	8/2/2017	8/1/2018	
2147	COG Operating LLC	Populus Fed 2H	30-015-44102	Not Applicable	Eddy	NM	32.10773	-104.21047	8/2/2017	8/1/2018	
2148	COG Operating LLC	Populus Fed 4H	30-015-44103	Not Applicable	Eddy	NM	32.10747	-104.21688	8/2/2017	8/1/2018	
2149	COG Operating LLC	Ringo 32 Fed Com 1H	30-025-41411	Not Applicable	Lea	NM	32.61041	-103.78088	8/2/2017	8/1/2018	
2150	COG Operating LLC	Road Runner Fed Com 12H	30-015-44148	Not Applicable	Eddy	NM	32.09399	-104.24391	8/2/2017	8/1/2018	
2151	COG Operating LLC	Road Runner Fed Com 2H	30-015-44147	Not Applicable	Eddy	NM	32.09399	-104.24382	8/2/2017	8/1/2018	
2152	COG Operating LLC	Roadster St. Com 1H	30-015-44189	Not Applicable	Eddy	NM	32.25326	-104.18434	8/2/2017	8/1/2018	
2153	COG Operating LLC	Sidewinder Fed Com 4H	30-015-44192	Not Applicable	Eddy	NM	32.00066	-104.01177	8/2/2017	8/1/2018	
2154	COG Operating LLC	Smalls Fed 2H	30-025-43064	Not Applicable	Lea	NM	32.35581	-103.47241	8/2/2017	8/1/2018	
2155	COG Operating LLC	Sneed 9 Fed Com 21H	30-025-41489	Not Applicable	Lea	NM	32.85551	-103.77954	8/2/2017	8/1/2018	
2156	COG Operating LLC	SRO St Com 41H	30-015-41739	Not Applicable	Eddy	NM	32.07829	-104.07344	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
2157	COG Operating LLC	Sro State Com 30H	30-015-44196	Not Applicable	Eddy	NM	32.05065	-104.08554	8/2/2017	8/1/2018	
2158	COG Operating LLC	Sro State Com 30H	30-015-44196	Not Applicable	Eddy	NM	32.05065	-104.08554	8/2/2017	8/1/2018	
2159	COG Operating LLC	Stove Pipe Fed Com 1H	30-025-43838	Not Applicable	Lea	NM	32.16545	-103.39923	8/2/2017	8/1/2018	
2160	COG Operating LLC	Stove Pipe Fed Com 21H	30-025-43839	Not Applicable	Lea	NM	32.16548	-103.39910	8/2/2017	8/1/2018	
2161	COG Operating LLC	Stratojet 31 St Com 7H	30-025-43792	Not Applicable	Lea	NM	32.52441	-103.49882	8/2/2017	8/1/2018	
2162	COG Operating LLC	Tankless Fed Com 2H	30-015-44434	Not Applicable	Eddy	NM	32.34164	-103.87521	8/2/2017	8/1/2018	
2163	COG Operating LLC	Tenderloin Fed Com 4H	30-025-43891	Not Applicable	Lea	NM	32.40066	-103.53201	8/2/2017	8/1/2018	
2164	COG Operating LLC	Vast State 25H	30-025-43546	Not Applicable	Lea	NM	32.03671	-103.59139	8/2/2017	8/1/2018	
2165	COG Operating LLC	Vast St. 20H	30-025-43655	Not Applicable	Lea	NM	32.02727	-103.58717	8/2/2017	8/1/2018	
2166	COG Operating LLC	Vast St. 23H	30-025-43552	Not Applicable	Lea	NM	32.03672	-103.58921	8/2/2017	8/1/2018	
2167	COG Operating LLC	Vast State 21H	30-025-43550	Not Applicable	Lea	NM	32.03672	-103.58895	8/2/2017	8/1/2018	
2168	COG Operating LLC	Vast State 22H	30-025-43551	Not Applicable	Lea	NM	32.03672	-103.58907	8/2/2017	8/1/2018	
2169	COG Operating LLC	Vast State 24H	30-025-43545	Not Applicable	Lea	NM	32.03671	-103.59172	8/2/2017	8/1/2018	
2170	COG Operating LLC	Vast State 26H	30-025-43547	Not Applicable	Lea	NM	32.03671	-103.59195	8/2/2017	8/1/2018	
2171	COG Operating LLC	Viking Helmet State Com 24H	30-025-43779	Not Applicable	Lea	NM	32.19621	-103.38771	8/2/2017	8/1/2018	
2172	COG Operating LLC	White Falcon 16 Fed Com 22H	30-025-43932	Not Applicable	Lea	NM	32.13689	-103.37429	8/2/2017	8/1/2018	
2173	COG Operating LLC	White Falcon 16 Fed Com 11 H	30-025-43930	Not Applicable	Lea	NM	32.13689	-103.37416	8/2/2017	8/1/2018	
2174	COG Operating LLC	White Falcon 16 Fed Com 21H	30-025-43931	Not Applicable	Lea	NM	32.13689	-103.37403	8/2/2017	8/1/2018	
2175	COG Operating LLC	White Falcon 16 St Com 13H	30-025-43698	Not Applicable	Lea	NM	32.13689	-103.37806	8/2/2017	8/1/2018	
2176	COG Operating LLC	White Falcon 16 St Com 23H	30-025-43699	Not Applicable	Lea	NM	32.13689	-103.37793	8/2/2017	8/1/2018	
2177	COG Operating LLC	White Falcon 16 ST Com 24H	30-025-43700	Not Applicable	Lea	NM	32.13689	-103.37429	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
2178	COG Operating LLC	White Falcon 16 ST Com 12H	30-025-43697	Not Applicable	Lea	NM	32.13689	-103.37780	8/2/2017	8/1/2018	
2179	COG Operating LLC	Windward Fed 10H	30-025-43567	Not Applicable	Lea	NM	32.19492	-103.71106	8/2/2017	8/1/2018	
2180	COG Operating LLC	Windward Fed 11H	30-025-43707	Not Applicable	Lea	NM	32.19494	-103.70657	8/2/2017	8/1/2018	
2181	COG Operating LLC	Windward Fed 9H	30-025-43566	Not Applicable	Lea	NM	32.19504	-103.71170	8/2/2017	8/1/2018	
2182	COG Operating LLC	Windward Fed 12H	30-025-43708	Not Applicable	Lea	NM	32.16705	-103.70577	8/2/2017	8/1/2018	
2183	COG Operating LLC	Windward Federal 5H	30-025-43174	Not Applicable	Lea	NM	32.19490	-103.72078	8/2/2017	8/1/2018	
2184	COG Operating LLC	Windward Federal 6H	30-025-43465	Not Applicable	Lea	NM	32.19503	-103.72116	8/2/2017	8/1/2018	
2185	COG Operating LLC	Windward Federal 7H	30-025-43516	Not Applicable	Lea	NM	32.19491	-103.71651	8/2/2017	8/1/2018	
2186	COG Operating LLC	Windward Federal 8H	30-025-43517	Not Applicable	Lea	NM	32.19491	-103.71635	8/2/2017	8/1/2018	
2187	COG Operating LLC	Zeppo 5 Fed Com 15H	30-025-44114	Not Applicable	Lea	NM	32.86398	-103.78717	8/2/2017	8/1/2018	
2188	COG Operating LLC	Zeppo 5 Fed Com 25H	30-025-44141	Not Applicable	Lea	NM	32.86397	-103.78676	8/2/2017	8/1/2018	
3001	COG Operating LLC	Aldrin 2822H Tank Battery	Not Applicable	Not Applicable	Culberson	TX	31.94090	-104.06656	8/2/2017	8/1/2018	
3002	COG Operating LLC	Armstrong 2824H Tank Battery	Not Applicable	Not Applicable	Culberson	TX	31.94116	-104.07743	8/2/2017	8/1/2018	
3003	COG Operating LLC	Augustus 1023H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98489	-104.15615	8/2/2017	8/1/2018	
3004	COG Operating LLC	Barstow 33-33 1H 2H Battery	Not Applicable	Not Applicable	Ward	TX	31.43442	-103.33247	8/2/2017	8/1/2018	
3005	COG Operating LLC	Barstow A 36-52H Battery	Not Applicable	Not Applicable	Ward	TX	31.44842	-103.35643	8/2/2017	8/1/2018	
3006	COG Operating LLC	Big Chief 46	Not Applicable	Not Applicable	Reeves	TX	31.04303	-103.41641	8/2/2017	8/1/2018	
3007	COG Operating LLC	Bronze 6-15 1H Battery	Not Applicable	Not Applicable	Ward	TX	31.40102	-103.32433	8/2/2017	8/1/2018	
3008	COG Operating LLC	Carpenter C Unit 203H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98644	-104.03332	8/2/2017	8/1/2018	
3009	COG Operating LLC	Carpenter E Unit 223H Battery	Not Applicable	Not Applicable	Culberson	TX	31.99970	-104.03668	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3010	COG Operating LLC	Chief Pinkie Battery	Not Applicable	Not Applicable	Reeves	TX	31.06649	-103.38929	8/2/2017	8/1/2018	
3011	COG Operating LLC	Chrome 33-39S Battery	Not Applicable	Not Applicable	Ward	TX	31.44784	-103.39609	8/2/2017	8/1/2018	
3012	COG Operating LLC	Chute Buster 604H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98666	-104.21027	8/2/2017	8/1/2018	
3013	COG Operating LLC	Cimarron Battery	Not Applicable	Not Applicable	Reeves	TX	31.08542	-103.40517	8/2/2017	8/1/2018	
3017	COG Operating LLC	Grissom 1802H Battery	Not Applicable	Not Applicable	Culberson	TX	31.95653	-104.10250	8/2/2017	8/1/2018	
3018	COG Operating LLC	Grissom 1822H Battery	Not Applicable	Not Applicable	Culberson	TX	31.97018	-104.10322	8/2/2017	8/1/2018	
3019	COG Operating LLC	Hasel - Cowden 28	Not Applicable	Not Applicable	Upton	TX	31.34311	-101.98360	8/2/2017	8/1/2018	
3020	COG Operating LLC	Hasel Unit 53 Battery	Not Applicable	Not Applicable	Upton	TX	31.33702	-101.94832	8/2/2017	8/1/2018	
3021	COG Operating LLC	Hasta La Vista Battery	Not Applicable	Not Applicable	Reeves	TX	31.27537	-103.44997	8/2/2017	8/1/2018	
3022	COG Operating LLC	Horn Splitter 1002H	Not Applicable	Not Applicable	Culberson	TX	31.98458	-104.14926	8/2/2017	8/1/2018	
3023	COG Operating LLC	Ike State Battery	Not Applicable	Not Applicable	Reeves	TX	31.30315	-103.42952	8/2/2017	8/1/2018	
3024	COG Operating LLC	Johnny Ryall Unit Battery	Not Applicable	Not Applicable	Culberson	TX	31.38776	-103.36388	8/2/2017	8/1/2018	
3025	COG Operating LLC	Joyce H Battery	Not Applicable	Not Applicable	Upton	TX	31.40947	-102.07339	8/2/2017	8/1/2018	
3026	COG Operating LLC	Larimer State Unit Battery	Not Applicable	Not Applicable	Pecos	TX	30.98665	-103.34805	8/2/2017	8/1/2018	
3027	COG Operating LLC	Laura Jean Battery	Not Applicable	Not Applicable	Upton	TX	31.40979	-102.05086	8/2/2017	8/1/2018	
3028	COG Operating LLC	Mabee 240 (Tank Battery 1)	Not Applicable	Not Applicable	Andrews	TX	32.30790	-102.25345	8/2/2017	8/1/2018	
3029	COG Operating LLC	Mabee 240 C Battery	Not Applicable	Not Applicable	Andrews	TX	32.29189	-102.26355	8/2/2017	8/1/2018	
3030	COG Operating LLC	Mabee 240C 2 Battery	Not Applicable	Not Applicable	Andrews	TX	32.28487	-102.25175	8/2/2017	8/1/2018	
3031	COG Operating LLC	Maggie Battery	Not Applicable	Not Applicable	Upton	TX	31.42084	-102.07231	8/2/2017	8/1/2018	
3032	COG Operating LLC	Mann 15 P1 Unit H Battery	Not Applicable	Not Applicable	Upton	TX	31.36809	-102.00003	8/2/2017	8/1/2018	
3033	COG Operating LLC	Marie Lease H Battery	Not Applicable	Not Applicable	Upton	TX	31.46130	-102.06222	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3034	COG Operating LLC	Monarch State Battery	Not Applicable	Not Applicable	Pecos	TX	30.97192	-103.30275	8/2/2017	8/1/2018	
3035	COG Operating LLC	Neal Ranch 42 Battery	Not Applicable	Not Applicable	Upton	TX	31.52228	-102.09835	8/2/2017	8/1/2018	
3036	COG Operating LLC	Neal Ranch 42H Unit Battery	Not Applicable	Not Applicable	Upton	TX	31.51138	-102.09159	8/2/2017	8/1/2018	
3037	COG Operating LLC	Norma H Battery	Not Applicable	Not Applicable	Upton	TX	31.41302	-102.05820	8/2/2017	8/1/2018	
3038	COG Operating LLC	PFU2 1863H Battery	Not Applicable	Not Applicable	Midland	TX	31.83954	-102.14031	8/2/2017	8/1/2018	
3039	COG Operating LLC	PFU2 2329H Battery	Not Applicable	Not Applicable	Midland	TX	31.81690	-102.13909	8/2/2017	8/1/2018	
3040	COG Operating LLC	PFU3 1080 Battery	Not Applicable	Not Applicable	Midland	TX	31.68005	-102.13246	8/2/2017	8/1/2018	
3041	COG Operating LLC	PFU3 108H Battery	Not Applicable	Not Applicable	Midland	TX	31.67874	-102.16449	8/2/2017	8/1/2018	
3042	COG Operating LLC	PFU3 117H Battery	Not Applicable	Not Applicable	Midland	TX	31.65647	-102.11130	8/2/2017	8/1/2018	
3043	COG Operating LLC	Poppy State Battery	Not Applicable	Not Applicable	Reeves	TX	31.36570	-103.38489	8/2/2017	8/1/2018	
3044	COG Operating LLC	Ratliff A Tank Battery 1	Not Applicable	Not Applicable	Ector	TX	31.98733	-102.32752	8/2/2017	8/1/2018	
3045	COG Operating LLC	Ratliff E Battery	Not Applicable	Not Applicable	Ector	TX	31.99357	-102.35841	8/2/2017	8/1/2018	
3046	COG Operating LLC	Ratliff F Battery	Not Applicable	Not Applicable	Ector	TX	31.97909	-102.35116	8/2/2017	8/1/2018	
3047	COG Operating LLC	Ratliff G (A29) Battery	Not Applicable	Not Applicable	Ector	TX	31.97718	-102.33447	8/2/2017	8/1/2018	
3048	COG Operating LLC	Ratliff I Battery	Not Applicable	Not Applicable	Ector	TX	31.92944	-102.32390	8/2/2017	8/1/2018	
3049	COG Operating LLC	Rough Rider Battery	Not Applicable	Not Applicable	Reeves	TX	31.05361	-103.41566	8/2/2017	8/1/2018	
3050	COG Operating LLC	Screaming Eagle Battery	Not Applicable	Not Applicable	Reeves	TX	31.08548	-103.40519	8/2/2017	8/1/2018	
3051	COG Operating LLC	Shepard 824H Battery	Not Applicable	Not Applicable	Culberson	TX	31.97189	-104.09435	8/2/2017	8/1/2018	
3052	COG Operating LLC	Steel Unit Battery	Not Applicable	Not Applicable	Ward	TX	31.48159	-103.38030	8/2/2017	8/1/2018	
3053	COG Operating LLC	Stephanie	Not Applicable	Not Applicable	Upton	TX	31.39543	-102.18267	8/2/2017	8/1/2018	
3054	COG Operating LLC	Sure Shot Battery	Not Applicable	Not Applicable	Reeves	TX	31.38650	-103.37611	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3055	COG Operating LLC	Thunderbird Unit Battery	Not Applicable	Not Applicable	Reeves	TX	31.04842	-103.47929	8/2/2017	8/1/2018	
3056	COG Operating LLC	Timberwolf State Unit Battery	Not Applicable	Not Applicable	Reeves	TX	31.36851	-103.38871	8/2/2017	8/1/2018	
3057	COG Operating LLC	Trailblazer (Angler) Battery	Not Applicable	Not Applicable	Reeves	TX	31.28946	-103.41597	8/2/2017	8/1/2018	
3058	COG Operating LLC	Tycoon C Battery	Not Applicable	Not Applicable	Reeves	TX	31.38377	-103.38498	8/2/2017	8/1/2018	
3059	COG Operating LLC	Tycoon D Battery	Not Applicable	Not Applicable	Reeves	TX	31.37833	-103.36651	8/2/2017	8/1/2018	
3060	COG Operating LLC	Tycoon E Battery	Not Applicable	Not Applicable	Reeves	TX	31.39936	-103.36311	8/2/2017	8/1/2018	
3061	COG Operating LLC	Tycoon F Battery	Not Applicable	Not Applicable	Reeves	TX	31.38477	-103.37483	8/2/2017	8/1/2018	
3062	COG Operating LLC	Tycoon G Battery	Not Applicable	Not Applicable	Reeves	TX	31.39238	-103.35146	8/2/2017	8/1/2018	
3063	COG Operating LLC	Vanessa 5232BH (Karen Vanessa)	Not Applicable	Not Applicable	Upton	TX	31.43528	-102.02955	8/2/2017	8/1/2018	
3064	COG Operating LLC	Veto Battery	Not Applicable	Not Applicable	Reeves	TX	31.30426	-103.40638	8/2/2017	8/1/2018	
3065	COG Operating LLC	Wetherbee 421H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98611	-104.06271	8/2/2017	8/1/2018	
3066	COG Operating LLC	Windham A H Unit Battery	Not Applicable	Not Applicable	Upton	TX	31.68182	-102.11589	8/2/2017	8/1/2018	
3067	COG Operating LLC	Worsham 6 14 1405H Battery	Not Applicable	Not Applicable	Reeves	TX	31.39754	-103.32989	8/2/2017	8/1/2018	
3068	COG Operating LLC	Graham 33-35 1H Battery	Not Applicable	Not Applicable	Ward	TX	31.43140	-103.36517	8/2/2017	8/1/2018	
3069	COG Operating LLC	Mary H Battery	Not Applicable	Not Applicable	Upton	TX	31.39801	-102.03932	8/2/2017	8/1/2018	
3071	COG Operating LLC	Armstrong 2823H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.94107	-104.07238	8/2/2017	8/1/2018	
3072	COG Operating LLC	Big Chief 35 (Ridgeway)	Not Applicable	Not Applicable	Reeves	TX	31.02427	-103.41627	8/2/2017	8/1/2018	
3073	COG Operating LLC	Brass Monkey 804H 851H 801H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38938	-103.38529	8/2/2017	8/1/2018	
3074	COG Operating LLC	Brass Monkey 874H 853H 805H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38926	-103.38970	8/2/2017	8/1/2018	
3075	COG Operating LLC	Brass Monkey Battery	Not Applicable	Not Applicable	Reeves	TX	31.39089	-103.38676	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3076	COG Operating LLC	Carpenter 205H Battery	Not Applicable	Not Applicable	Culberson	TX	31.99861	-104.04135	8/2/2017	8/1/2018	
3077	COG Operating LLC	Carpenter C Unit 207H Offsite	Not Applicable	Not Applicable	Culberson	TX	31.98688	-104.03440	8/2/2017	8/1/2018	
3078	COG Operating LLC	Carpenter E Unit 227H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.99887	-104.04282	8/2/2017	8/1/2018	
3079	COG Operating LLC	Carpenter F Unit 226H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.99957	-104.03540	8/2/2017	8/1/2018	
3080	COG Operating LLC	Chute Buster 622H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98539	-104.20093	8/2/2017	8/1/2018	
3081	COG Operating LLC	Chute Buster 623H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98581	-104.20579	8/2/2017	8/1/2018	
3082	COG Operating LLC	Currie 34	Not Applicable	Not Applicable	Glasscock	TX	31.81823	-101.39557	8/2/2017	8/1/2018	
3083	COG Operating LLC	Elbow Down 823H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98457	-104.18898	8/2/2017	8/1/2018	
3084	COG Operating LLC	Graham 33-35 1H Battery	Not Applicable	Not Applicable	Reeves	TX	31.43140	-103.36517	8/2/2017	8/1/2018	
3085	COG Operating LLC	Grissom 18 North CTB	Not Applicable	Not Applicable	Culberson	TX	31.96728	-104.10474	8/2/2017	8/1/2018	
3086	COG Operating LLC	Grissom 1821H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.95647	-104.10612	8/2/2017	8/1/2018	
3087	COG Operating LLC	Grissom 1823H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.95589	-104.09662	8/2/2017	8/1/2018	
3088	COG Operating LLC	Grissom 3021H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.94080	-104.10731	8/2/2017	8/1/2018	
3089	COG Operating LLC	Grissom 3022H Battery	Not Applicable	Not Applicable	Culberson	TX	31.94104	-104.10338	8/2/2017	8/1/2018	
3090	COG Operating LLC	Grissom 3023H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.94066	-104.09723	8/2/2017	8/1/2018	
3091	COG Operating LLC	Hoefs Ranch State 64-1 - Uncompaghre	Not Applicable	Not Applicable	Reeves	TX	30.99516	-103.38777	8/2/2017	8/1/2018	
3092	COG Operating LLC	Hollywood Battery	Not Applicable	Not Applicable	Reeves	TX	31.38093	-103.48371	8/2/2017	8/1/2018	
3093	COG Operating LLC	Horn Splitter 1004H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98392	-104.15946	8/2/2017	8/1/2018	
3094	COG Operating LLC	Intergalactic Battery	Not Applicable	Not Applicable	Reeves	TX	31.46548	-103.36889	8/2/2017	8/1/2018	
3095	COG Operating LLC	JF Haley	Not Applicable	Not Applicable	Midland	TX	31.84435	-102.16720	8/2/2017	8/1/2018	
3096	COG Operating LLC	Lorena 804H Battery	Not Applicable	Not Applicable	Culberson	TX	31.98352	-104.19428	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3097	COG Operating LLC	Lorena 814H Elbow Down 824H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98178	-104.19144	8/2/2017	8/1/2018	
3098	COG Operating LLC	Mabee 24H Battery	Not Applicable	Not Applicable	Andrews	TX	32.28545	-102.22624	8/2/2017	8/1/2018	
3099	COG Operating LLC	Mabee Wolfcamp	Not Applicable	Not Applicable	Andrews	TX	32.20968	-102.20594	8/2/2017	8/1/2018	
3100	COG Operating LLC	Neal Ranch 38B	Not Applicable	Not Applicable	Upton	TX	31.51062	-102.12916	8/2/2017	8/1/2018	
3101	COG Operating LLC	Neal Ranch 57H	Not Applicable	Not Applicable	Upton	TX	31.48941	-102.07020	8/2/2017	8/1/2018	
3102	COG Operating LLC	Red Cloud Battery	Not Applicable	Not Applicable	Reeves	TX	31.09587	-103.38815	8/2/2017	8/1/2018	
3103	COG Operating LLC	Roy Parks B	Not Applicable	Not Applicable	Midland	TX	31.84684	-102.27740	8/2/2017	8/1/2018	
3104	COG Operating LLC	Sam Bird 6-3 1H Battery	Not Applicable	Not Applicable	Reeves	TX	31.40140	-103.42816	8/2/2017	8/1/2018	
3105	COG Operating LLC	Shepard 823H	Not Applicable	Not Applicable	Culberson	TX	31.97197	-104.09134	8/2/2017	8/1/2018	
3106	COG Operating LLC	The Boss CTB	Not Applicable	Not Applicable	Reeves	TX	31.31634	-103.28838	8/2/2017	8/1/2018	
3107	COG Operating LLC	The Sphinx Battery	Not Applicable	Not Applicable	Reeves	TX	31.39514	-103.39151	8/2/2017	8/1/2018	
3108	COG Operating LLC	Timberwolf 1752H 1792H Offsite	Not Applicable	Not Applicable	Reeves	TX	31.36790	-103.39060	8/2/2017	8/1/2018	
3109	COG Operating LLC	TXL-T27	Not Applicable	Not Applicable	Upton	TX	31.53447	-102.15496	8/2/2017	8/1/2018	
3110	COG Operating LLC	Tycoon C 709H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38745	-103.38518	8/2/2017	8/1/2018	
3111	COG Operating LLC	Tycoon C 710H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38774	-103.38677	8/2/2017	8/1/2018	
3112	COG Operating LLC	Tycoon D 704H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38603	-103.37331	8/2/2017	8/1/2018	
3113	COG Operating LLC	Tycoon D 751H 703H 752H 1052H(E) OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.38605	-103.36958	8/2/2017	8/1/2018	
3114	COG Operating LLC	Tycoon G 1202H 1252H OFFSITE	Not Applicable	Not Applicable	Reeves	TX	31.39023	-103.35123	8/2/2017	8/1/2018	
3115	COG Operating LLC	Watcha Want Unit Battery	Not Applicable	Not Applicable	Reeves	TX	31.47099	-103.37437	8/2/2017	8/1/2018	
3116	COG Operating LLC	Wetherbee 421H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98580	-104.06357	8/2/2017	8/1/2018	

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
3117	COG Operating LLC	Wetherbee 422H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98607	-104.06799	8/2/2017	8/1/2018	
3118	COG Operating LLC	Wetherbee 423H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98606	-104.07261	8/2/2017	8/1/2018	
3119	COG Operating LLC	Wetherbee 424H - OFFSITE	Not Applicable	Not Applicable	Culberson	TX	31.98555	-104.07731	8/2/2017	8/1/2018	
3120	COG Operating LLC	Wetherbee Unit CTB	Not Applicable	Not Applicable	Culberson	TX	31.98760	-104.07157	8/2/2017	8/1/2018	
3121	COG Operating LLC	White Crow Battery	Not Applicable	Not Applicable	Reeves	TX	31.03794	-103.47083	8/2/2017	8/1/2018	
4001	COG Operating LLC	Admiral Federal Com 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.09426	-103.98681	8/2/2017	8/1/2018	Submitted 2017
4002	COG Operating LLC	Azores Federal 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.18198	-103.69878	8/2/2017	8/1/2018	Submitted 2017
4003	COG Operating LLC	Banter State Com 4H Battery	Not Applicable	Not Applicable	Lea	NM	32.31143	-103.42876	8/2/2017	8/1/2018	Submitted 2017
4004	COG Operating LLC	Beech 25 Federal 9H Battery	Not Applicable	Not Applicable	Eddy	NM	32.80058	-104.23986	8/2/2017	8/1/2018	Submitted 2017
4005	COG Operating LLC	Blue Jay Federal 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.56654	-103.49478	8/2/2017	8/1/2018	Submitted 2017
4006	COG Operating LLC	Bone Yard 11 Fee 12H	Not Applicable	Not Applicable	Eddy	NM	32.59548	-104.45919	8/2/2017	8/1/2018	Submitted 2017
4007	COG Operating LLC	Boone 16 State Com 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.47234	-103.57513	8/2/2017	8/1/2018	Submitted 2017
4008	COG Operating LLC	Bose Ikard 4 State Com 18H	Not Applicable	Not Applicable	Eddy	NM	32.85765	-104.08726	8/2/2017	8/1/2018	Submitted 2017
4009	COG Operating LLC	Bradley 8 Fee 2H	Not Applicable	Not Applicable	Eddy	NM	32.66869	-104.40640	8/2/2017	8/1/2018	Submitted 2017
4010	COG Operating LLC	Bradley 8 Fee 3H	Not Applicable	Not Applicable	Eddy	NM	32.66867	-104.40246	8/2/2017	8/1/2018	Submitted 2017
4011	COG Operating LLC	Branex-COG Federal 11 Battery	Not Applicable	Not Applicable	Lea	NM	32.84680	-103.77892	8/2/2017	8/1/2018	Submitted 2017
4012	COG Operating LLC	Broadcaster 29 Federal 3H	Not Applicable	Not Applicable	Lea	NM	32.28228	-103.49012	8/2/2017	8/1/2018	Submitted 2017
4013	COG Operating LLC	Bultaco State 1H Battery	Not Applicable	Not Applicable	Eddy	NM	32.34150	-103.72404	8/2/2017	8/1/2018	Submitted 2017
4014	COG Operating LLC	Burch Keely Unit 13A	Not Applicable	Not Applicable	Eddy	NM	32.83648	-104.02633	8/2/2017	8/1/2018	Submitted 2017
4015	COG Operating LLC	Burch Keely Unit 13C	Not Applicable	Not Applicable	Eddy	NM	32.83000	-104.03540	8/2/2017	8/1/2018	Submitted 2017

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4016	COG Operating LLC	Burch Keely Unit 18A	Not Applicable	Not Applicable	Eddy	NM	32.83693	-104.01645	8/2/2017	8/1/2018	Submitted 2017
4017	COG Operating LLC	Burch Keely Unit 23A	Not Applicable	Not Applicable	Eddy	NM	32.81462	-104.03862	8/2/2017	8/1/2018	Submitted 2017
4018	COG Operating LLC	Cabo Blanco State Battery	Not Applicable	Not Applicable	Lea	NM	32.25274	-103.59299	8/2/2017	8/1/2018	Submitted 2017
4019	COG Operating LLC	Cadillac 15 State 4H	Not Applicable	Not Applicable	Eddy	NM	32.83220	-104.06575	8/2/2017	8/1/2018	Submitted 2017
4020	COG Operating LLC	Cali Roll 24 Federal Com 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.03398	-104.34262	8/2/2017	8/1/2018	Submitted 2017
4021	COG Operating LLC	Carmen 3 Federal 1H Battery	Not Applicable	Not Applicable	Eddy	NM	32.86470	-103.96719	8/2/2017	8/1/2018	Submitted 2017
4022	COG Operating LLC	CCAP State Com 6H Battery	Not Applicable	Not Applicable	Eddy	NM	32.39575	-104.18748	8/2/2017	8/1/2018	Submitted 2017
4023	COG Operating LLC	Chopper State Com 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.25375	-104.14730	8/2/2017	8/1/2018	Submitted 2017
4024	COG Operating LLC	Clydesdale 1 Fee 6H	Not Applicable	Not Applicable	Eddy	NM	32.68626	-104.43014	8/2/2017	8/1/2018	Submitted 2017
4025	COG Operating LLC	Columbus Fee 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.09342	-103.55956	8/2/2017	8/1/2018	Submitted 2017
4026	COG Operating LLC	Cookie Tosser State Com 1H Battery	Not Applicable	Not Applicable	Eddy	NM	32.75389	-103.97162	8/2/2017	8/1/2018	Submitted 2017
4027	COG Operating LLC	Cookie Tosser State Com 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.75389	-103.97223	8/2/2017	8/1/2018	Submitted 2017
4028	COG Operating LLC	Copperhead 31 Federal Com 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.02016	-104.01795	8/2/2017	8/1/2018	Submitted 2017
4029	COG Operating LLC	Cottonmouth 23 Federal Com 2H	Not Applicable	Not Applicable	Eddy	NM	32.03436	-104.06752	8/2/2017	8/1/2018	Submitted 2017
4030	COG Operating LLC	Crapshoot Federal 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.56554	-104.02398	8/2/2017	8/1/2018	Submitted 2017
4031	COG Operating LLC	Diamondback 22 State Com 5H Battery	Not Applicable	Not Applicable	Eddy	NM	32.03504	-104.07011	8/2/2017	8/1/2018	Submitted 2017
4032	COG Operating LLC	Dodd Federal Unit 10B Battery	Not Applicable	Not Applicable	Eddy	NM	32.84322	-104.05492	8/2/2017	8/1/2018	Submitted 2017
4033	COG Operating LLC	Dodd Federal Unit 14A Battery	Not Applicable	Not Applicable	Eddy	NM	32.83211	-104.04317	8/2/2017	8/1/2018	Submitted 2017
4034	COG Operating LLC	Dodd Federal Unit 15A Battery	Not Applicable	Not Applicable	Eddy	NM	32.82792	-104.05766	8/2/2017	8/1/2018	Submitted 2017
4035	COG Operating LLC	Eata Fajita State 9H & 10H Battery	Not Applicable	Not Applicable	Lea	NM	32.22633	-103.59180	8/2/2017	8/1/2018	Submitted 2017
4036	COG Operating LLC	Eata Fajita State Com 6H Battery	Not Applicable	Not Applicable	Lea	NM	32.22629	-103.59108	8/2/2017	8/1/2018	Submitted 2017

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4037	COG Operating LLC	Eider Federal 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.16736	-103.64273	8/2/2017	8/1/2018	Submitted 2017
4038	COG Operating LLC	Electra Federal 33 (North)	Not Applicable	Not Applicable	Eddy	NM	32.85305	-103.95914	8/2/2017	8/1/2018	Submitted 2017
4039	COG Operating LLC	Fascinator Fee Com 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.18145	-103.40411	8/2/2017	8/1/2018	Submitted 2017
4040	COG Operating LLC	Flat Head Federal Com 27H Battery	Not Applicable	Not Applicable	Lea	NM	32.83879	-103.73177	8/2/2017	8/1/2018	Submitted 2017
4041	COG Operating LLC	Flat Head Federal Com 6H Battery	Not Applicable	Not Applicable	Lea	NM	32.83909	-103.73375	8/2/2017	8/1/2018	Submitted 2017
4042	COG Operating LLC	Geronimo Federal Com 11H Battery	Not Applicable	Not Applicable	Lea	NM	32.64008	-103.71011	8/2/2017	8/1/2018	Submitted 2017
4043	COG Operating LLC	Glacier Federal Com 1H Battery	Not Applicable	Not Applicable	Eddy	NM	32.03429	-104.34295	8/2/2017	8/1/2018	Submitted 2017
4044	COG Operating LLC	Goose State 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.53664	-103.58488	8/2/2017	8/1/2018	Submitted 2017
4045	COG Operating LLC	Graham Nash Federal Com 7H	Not Applicable	Not Applicable	Eddy	NM	32.02126	-104.09961	8/2/2017	8/1/2018	Submitted 2017
4046	COG Operating LLC	Gunner 8 Federal 6H and 7H Battery	Not Applicable	Not Applicable	Lea	NM	32.05094	-103.49232	8/2/2017	8/1/2018	Submitted 2017
4047	COG Operating LLC	Halberd 27 State 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.80741	-104.15520	8/2/2017	8/1/2018	Submitted 2017
4048	COG Operating LLC	Horned Owl Federal 3H	Not Applicable	Not Applicable	Eddy	NM	32.02006	-104.24321	8/2/2017	8/1/2018	Submitted 2017
4049	COG Operating LLC	Ice Dancer 30 Federal Com 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.26680	-103.91352	8/2/2017	8/1/2018	Submitted 2017
4050	COG Operating LLC	Ivar the Boneless Federal 11H	Not Applicable	Not Applicable	Lea	NM	32.82748	-103.76170	8/2/2017	8/1/2018	Submitted 2017
4051	COG Operating LLC	King Air 8 Federal Com 3H	Not Applicable	Not Applicable	Lea	NM	32.66631	-103.79065	8/2/2017	8/1/2018	Submitted 2017
4052	COG Operating LLC	Lajitas BWQ State Com 1H Battery	Not Applicable	Not Applicable	Eddy	NM	32.71364	-104.14615	8/2/2017	8/1/2018	Submitted 2017
4053	COG Operating LLC	Lusk Deep Unit A 23H Battery	Not Applicable	Not Applicable	Lea	NM	32.63933	-103.79845	8/2/2017	8/1/2018	Submitted 2017
4054	COG Operating LLC	Lusk Deep Unit A 25H Battery	Not Applicable	Not Applicable	Eddy	NM	32.64876	-103.79544	8/2/2017	8/1/2018	Submitted 2017
4055	COG Operating LLC	Lychee BWS State Com 1A Battery	Not Applicable	Not Applicable	Lea	NM	32.45770	-103.45606	8/2/2017	8/1/2018	Submitted 2017
4056	COG Operating LLC	Macho Nacho State Com 10H Battery	Not Applicable	Not Applicable	Lea	NM	32.22569	-103.61799	8/2/2017	8/1/2018	Submitted 2017
4057	COG Operating LLC	Man State 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.70330	-104.20574	8/2/2017	8/1/2018	Submitted 2017

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4058	COG Operating LLC	Mas Federal 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.53568	-103.54800	8/2/2017	8/1/2018	Submitted 2017
4059	COG Operating LLC	Mastiff Federal 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.25330	-103.68138	8/2/2017	8/1/2018	Submitted 2017
4060	COG Operating LLC	McIntyre DK Federal 15	Not Applicable	Not Applicable	Eddy	NM	32.82772	-103.99431	8/2/2017	8/1/2018	Submitted 2017
4061	COG Operating LLC	Monet Federal 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.16599	-103.57859	8/2/2017	8/1/2018	Submitted 2017
4062	COG Operating LLC	Music Master 27 Federal 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.10741	-103.35420	8/2/2017	8/1/2018	Submitted 2017
4063	COG Operating LLC	Myox 5 State Com 22H Battery	Not Applicable	Not Applicable	Eddy	NM	32.06481	-104.10852	8/2/2017	8/1/2018	Submitted 2017
4064	COG Operating LLC	Myox 6 State Com 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.07806	-104.12879	8/2/2017	8/1/2018	Submitted 2017
4065	COG Operating LLC	Newcastle 6 Federal Com 7H	Not Applicable	Not Applicable	Eddy	NM	32.85890	-104.01940	8/2/2017	8/1/2018	Submitted 2017
4066	COG Operating LLC	Pan Head Fee 13H Battery	Not Applicable	Not Applicable	Lea	NM	32.85595	-103.73982	8/2/2017	8/1/2018	Submitted 2017
4067	COG Operating LLC	Pan Head Fee 4H Battery	Not Applicable	Not Applicable	Lea	NM	32.85502	-103.73801	8/2/2017	8/1/2018	Submitted 2017
4068	COG Operating LLC	Patron 23 Federal 4H Battery	Not Applicable	Not Applicable	Eddy	NM	32.12187	-103.94853	8/2/2017	8/1/2018	Submitted 2017
4069	COG Operating LLC	Pilum 15 Fee 2H	Not Applicable	Not Applicable	Eddy	NM	32.74751	-104.37973	8/2/2017	8/1/2018	Submitted 2017
4070	COG Operating LLC	Pinto 36 State Com 1H	Not Applicable	Not Applicable	Eddy	NM	32.69751	-104.44526	8/2/2017	8/1/2018	Submitted 2017
4071	COG Operating LLC	Pinto 36 State Com 4H	Not Applicable	Not Applicable	Eddy	NM	32.69723	-104.43245	8/2/2017	8/1/2018	Submitted 2017
4072	COG Operating LLC	Populus Federal 3H Battery	Not Applicable	Not Applicable	Eddy	NM	32.10835	-104.21453	8/2/2017	8/1/2018	Submitted 2017
4073	COG Operating LLC	Puckett 13 Federal Com 35H	Not Applicable	Not Applicable	Eddy	NM	32.82824	-103.82186	8/2/2017	8/1/2018	Submitted 2017
4074	COG Operating LLC	Puckett 13 Federal Com 8H	Not Applicable	Not Applicable	Eddy	NM	32.84281	-103.81630	8/2/2017	8/1/2018	Submitted 2017
4075	COG Operating LLC	Queso State 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.25457	-103.62750	8/2/2017	8/1/2018	Submitted 2017
4076	COG Operating LLC	Queso State 3H and 5H Battery	Not Applicable	Not Applicable	Lea	NM	32.25544	-103.62325	8/2/2017	8/1/2018	Submitted 2017
4077	COG Operating LLC	Ragnar Federal	Not Applicable	Not Applicable	Lea	NM	32.82685	-103.75339	8/2/2017	8/1/2018	Submitted 2017
4078	COG Operating LLC	Raspberry State 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.44366	-103.55204	8/2/2017	8/1/2018	Submitted 2017

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4079	COG Operating LLC	Red Raider BKS State #1	Not Applicable	Not Applicable	Lea	NM	32.18657	-103.52345	8/2/2017	8/1/2018	Submitted 2017
4080	COG Operating LLC	Resolver Fed Com 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.32632	-103.62995	8/2/2017	8/1/2018	Submitted 2017
4081	COG Operating LLC	Road Runner Federal Com 1H	Not Applicable	Not Applicable	Eddy	NM	32.09550	-104.24505	8/2/2017	8/1/2018	Submitted 2017
4082	COG Operating LLC	Sam Adams 12 Federal Com 4H	Not Applicable	Not Applicable	Eddy	NM	32.85020	-104.03653	8/2/2017	8/1/2018	Submitted 2017
4083	COG Operating LLC	Scooter Federal Com 2H	Not Applicable	Not Applicable	Lea	NM	32.74010	-103.63699	8/2/2017	8/1/2018	Submitted 2017
4084	COG Operating LLC	Screech Owl CTB	Not Applicable	Not Applicable	Eddy	NM	32.03912	-104.23192	8/2/2017	8/1/2018	Submitted 2017
4085	COG Operating LLC	Sherman 4 Fee 6H	Not Applicable	Not Applicable	Eddy	NM	32.68342	-104.38811	8/2/2017	8/1/2018	Submitted 2017
4086	COG Operating LLC	Shiner Bock 1 Federal Com 8H	Not Applicable	Not Applicable	Eddy	NM	32.85882	-103.83111	8/2/2017	8/1/2018	Submitted 2017
4087	COG Operating LLC	Sitka BSI State Com 1H	Not Applicable	Not Applicable	Lea	NM	32.50804	-103.47853	8/2/2017	8/1/2018	Submitted 2017
4088	COG Operating LLC	Skelly Unit 942 Battery	Not Applicable	Not Applicable	Eddy	NM	32.82457	-103.85567	8/2/2017	8/1/2018	Submitted 2017
4089	COG Operating LLC	Skull Cap Fed Com 22H Battery	Not Applicable	Not Applicable	Lea	NM	32.17411	-103.38699	8/2/2017	8/1/2018	Submitted 2017
4090	COG Operating LLC	SL East 30 Federal 2H Battery	Not Applicable	Not Applicable	Eddy	NM	32.64008	-103.79908	8/2/2017	8/1/2018	Submitted 2017
4091	COG Operating LLC	Smalls Federal 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.35623	-103.46870	8/2/2017	8/1/2018	Submitted 2017
4092	COG Operating LLC	Sneed 9 Federal Com 2H	Not Applicable	Not Applicable	Lea	NM	32.85333	-103.77946	8/2/2017	8/1/2018	Submitted 2017
4093	COG Operating LLC	Sombrero Federal Com 4H Battery	Not Applicable	Not Applicable	Lea	NM	32.21097	-103.43153	8/2/2017	8/1/2018	Submitted 2017
4094	COG Operating LLC	Spruce Goose Federal Com 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.67704	-103.81330	8/2/2017	8/1/2018	Submitted 2017
4095	COG Operating LLC	Stealth Federal Com 4H Battery	Not Applicable	Not Applicable	Lea	NM	32.65428	-103.78252	8/2/2017	8/1/2018	Submitted 2017
4096	COG Operating LLC	Stonewall 9 Fee 1H	Not Applicable	Not Applicable	Eddy	NM	32.66895	-104.39376	8/2/2017	8/1/2018	Submitted 2017
4097	COG Operating LLC	Stonewall 9 Fee 8H	Not Applicable	Not Applicable	Eddy	NM	32.66868	-104.37937	8/2/2017	8/1/2018	Submitted 2017
4098	COG Operating LLC	Stove Pipe Federal Com 2H	Not Applicable	Not Applicable	Lea	NM	32.16576	-103.40378	8/2/2017	8/1/2018	Submitted 2017
4099	COG Operating LLC	Stratosphere 36 State Com 3H	Not Applicable	Not Applicable	Lea	NM	32.53604	-103.50712	8/2/2017	8/1/2018	Submitted 2017

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4100	COG Operating LLC	Switchback State 21H Battery	Not Applicable	Not Applicable	Eddy	NM	32.22559	-104.16827	8/2/2017	8/1/2018	Submitted 2017
4101	COG Operating LLC	Tarpan 33 Fee 4H	Not Applicable	Not Applicable	Eddy	NM	32.69751	-104.38777	8/2/2017	8/1/2018	Submitted 2017
4102	COG Operating LLC	Tyrell Fee 1H	Not Applicable	Not Applicable	Lea	NM	32.22411	-103.53634	8/2/2017	8/1/2018	Submitted 2017
4103	COG Operating LLC	Vast State 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.03690	-103.58646	8/2/2017	8/1/2018	Submitted 2017
4104	COG Operating LLC	Viking Helmet State Com 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.19549	-103.38750	8/2/2017	8/1/2018	Submitted 2017
4105	COG Operating LLC	Warbler State Com 2Y Battery	Not Applicable	Not Applicable	Lea	NM	32.45657	-103.57928	8/2/2017	8/1/2018	Submitted 2017
4106	COG Operating LLC	West Pearl 36 CTB	Not Applicable	Not Applicable	Lea	NM	32.62360	-103.51340	8/2/2017	8/1/2018	Submitted 2017
4107	COG Operating LLC	Azores Federal 29M CTB	Not Applicable	Not Applicable	Lea	NM	32.18268	-103.70270	8/2/2017	8/1/2018	Attached
4108	COG Operating LLC	Becknell State Com 3H	Not Applicable	Not Applicable	Lea	NM	32.50740	-103.59699	8/2/2017	8/1/2018	Attached
4109	COG Operating LLC	Becknell State Com 4H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.50666	-103.30149	8/2/2017	8/1/2018	Not Applicable
4110	COG Operating LLC	Blue Jay Federal 2H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.56642	-103.49027	8/2/2017	8/1/2018	Not Applicable
4111	COG Operating LLC	Bobwhite 12 State Com 3H	Not Applicable	Not Applicable	Lea	NM	32.49982	-103.51910	8/2/2017	8/1/2018	Attached
4112	COG Operating LLC	Bobwhite State Com 12A CTB	Not Applicable	Not Applicable	Lea	NM	32.49900	-103.51956	8/2/2017	8/1/2018	Attached
4113	COG Operating LLC	Bone Yard 11 Fee 16H	Not Applicable	Not Applicable	Eddy	NM	32.60202	-104.45664	8/2/2017	8/1/2018	Attached
4114	COG Operating LLC	Burch Keely Satellite A and BKU CTB	Not Applicable	Not Applicable	Eddy	NM	32.81931	-104.02548	8/2/2017	8/1/2018	Attached
4115	COG Operating LLC	Burch Keely Unit 13B	Not Applicable	Not Applicable	Eddy	NM	32.82888	-104.02245	8/2/2017	8/1/2018	Attached
4116	COG Operating LLC	Burch Keely Unit 19A	Not Applicable	Not Applicable	Eddy	NM	32.82349	-104.01219	8/2/2017	8/1/2018	Attached
4117	COG Operating LLC	Burkett 16 State 1 Battery	Not Applicable	Not Applicable	Eddy	NM	32.83765	-103.87123	8/2/2017	8/1/2018	Attached
4118	COG Operating LLC	Caverns Federal Com 4H Battery	Not Applicable	Not Applicable	Eddy	NM	32.03400	-104.40814	8/2/2017	8/1/2018	Attached
4119	COG Operating LLC	Collier State Battery	Not Applicable	Not Applicable	Eddy	NM	32.82037	-104.16278	8/2/2017	8/1/2018	Attached
4120	COG Operating LLC	Columbus Fed 21H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.09394	-103.55206	8/2/2017	8/1/2018	Not Applicable

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4121	COG Operating LLC	Columbus Fed 22H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.09400	-103.55515	8/2/2017	8/1/2018	Not Applicable
4122	COG Operating LLC	Columbus Federal CTB	Not Applicable	Not Applicable	Lea	NM	32.09249	-103.55568	8/2/2017	8/1/2018	Attached
4123	COG Operating LLC	Columbus Fee 24H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.09405	-103.55817	8/2/2017	8/1/2018	Not Applicable
4124	COG Operating LLC	Columbus Fee CTB	Not Applicable	Not Applicable	Lea	NM	32.09251	-103.55617	8/2/2017	8/1/2018	Attached
4125	COG Operating LLC	Coonskin Fee 25H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.19471	-103.37424	8/2/2017	8/1/2018	Not Applicable
4126	COG Operating LLC	Coonskin Fee 28C CTB	Not Applicable	Not Applicable	Lea	NM	32.19391	-103.37451	8/2/2017	8/1/2018	Attached
4127	COG Operating LLC	Copperhead 31 Federal Com 21H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32..02027	-104.02044	8/2/2017	8/1/2018	Not Applicable
4128	COG Operating LLC	Copperhead 31 Fee 20H Battery	Not Applicable	Not Applicable	Eddy	NM	32.00199	-104.02990	8/2/2017	8/1/2018	Attached
4129	COG Operating LLC	Copperhead Fee A 3H 4H Battery	Not Applicable	Not Applicable	Eddy	NM	32.00097	-104.02921	8/2/2017	8/1/2018	Attached
4130	COG Operating LLC	Copperhead Fee A 4H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.00167	-104.02672	8/2/2017	8/1/2018	Not Applicable
4131	COG Operating LLC	Coronado 35 Federal Battery	Not Applicable	Not Applicable	Lea	NM	32.09365	-103.34261	8/2/2017	8/1/2018	Attached
4132	COG Operating LLC	Craig Federal 36M CTB	Not Applicable	Not Applicable	Eddy	NM	32.07966	-104.25344	8/2/2017	8/1/2018	Attached
4133	COG Operating LLC	Craig Federal Com 2H 12H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.07682	-104.25201	8/2/2017	8/1/2018	Not Applicable
4134	COG Operating LLC	Dodd Federal Unit 11A	Not Applicable	Not Applicable	Eddy	NM	32.84640	-104.04860	8/2/2017	8/1/2018	Attached
4135	COG Operating LLC	Duo Sonic 29 Federal Battery	Not Applicable	Not Applicable	Lea	NM	32.09483	-103.38190	8/2/2017	8/1/2018	Attached
4136	COG Operating LLC	Fascinator Fee CTB	Not Applicable	Not Applicable	Lea	NM	32.20161	-103.39981	8/2/2017	8/1/2018	Attached
4137	COG Operating LLC	Graham Cracker 2 State 1H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.06709	-104.05146	8/2/2017	8/1/2018	Not Applicable
4138	COG Operating LLC	Graham Cracker State 2B CTB	Not Applicable	Not Applicable	Eddy	NM	32.06540	-104.05058	8/2/2017	8/1/2018	Attached
4139	COG Operating LLC	Horned Owl Federal 2H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.02044	-104.24946	8/2/2017	8/1/2018	Not Applicable
4140	COG Operating LLC	Horned Owl Federal 4H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.02199	-104.24014	8/2/2017	8/1/2018	Not Applicable

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4141	COG Operating LLC	Jazzbass 34 Federal Battery	Not Applicable	Not Applicable	Lea	NM	32.08152	-103.35279	8/2/2017	8/1/2018	Attached
4142	COG Operating LLC	Mas Federal 34A CTB	Not Applicable	Not Applicable	Lea	NM	32.53482	-103.54241	8/2/2017	8/1/2018	Attached
4143	COG Operating LLC	Mas Federal 35D CTB	Not Applicable	Not Applicable	Lea	NM	32.53528	-103.53706	8/2/2017	8/1/2018	Attached
4144	COG Operating LLC	Mas Federal 3H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.53606	-103.54728	8/2/2017	8/1/2018	Not Applicable
4145	COG Operating LLC	Mas Federal 4H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.53589	-103.54936	8/2/2017	8/1/2018	Not Applicable
4146	COG Operating LLC	Montera Federal 23H Battery	Not Applicable	Not Applicable	Eddy	NM	32.13787	-103.35881	8/2/2017	8/1/2018	Attached
4147	COG Operating LLC	Myox 20 Fed Com 5H OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.12224	-104.10710	8/2/2017	8/1/2018	Not Applicable
4148	COG Operating LLC	Myox 20 Federal CTB	Not Applicable	Not Applicable	Eddy	NM	32.11980	-104.10646	8/2/2017	8/1/2018	Attached
4149	COG Operating LLC	Myox 21 State Com 1H OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.10931	-104.09869	8/2/2017	8/1/2018	Not Applicable
4150	COG Operating LLC	Myox 21 State Com 4H OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.10874	-104.08498	8/2/2017	8/1/2018	Not Applicable
4151	COG Operating LLC	Myox 5 State 23H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.06492	-104.11163	8/2/2017	8/1/2018	Not Applicable
4152	COG Operating LLC	Myox 6 State 2H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.07850	-104.12431	8/2/2017	8/1/2018	Not Applicable
4153	COG Operating LLC	Myox State Com 21N CTB	Not Applicable	Not Applicable	Eddy	NM	32.10970	-104.10017	8/2/2017	8/1/2018	Attached
4154	COG Operating LLC	Myox State Com 21P CTB	Not Applicable	Not Applicable	Eddy	NM	32.11006	-104.08541	8/2/2017	8/1/2018	Attached
4155	COG Operating LLC	Nelson Federal Com 13H Battery	Not Applicable	Not Applicable	Lea	NM	32.83348	-103.75694	8/2/2017	8/1/2018	Attached
4156	COG Operating LLC	Populus Federal 2H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.10824	-104.21038	8/2/2017	8/1/2018	Not Applicable
4157	COG Operating LLC	Ringo 32 Federal CTB	Not Applicable	Not Applicable	Lea	NM	32.61900	-103.78653	8/2/2017	8/1/2018	Attached
4158	COG Operating LLC	Road Runner Federal Com 2H 12H Battery	Not Applicable	Not Applicable	Eddy	NM	32.09438	-104.24457	8/2/2017	8/1/2018	Attached
4159	COG Operating LLC	Roadster State Com 1H	Not Applicable	Not Applicable	Eddy	NM	32.25309	-104.18729	8/2/2017	8/1/2018	Attached
4160	COG Operating LLC	Sidewinder Federal Com 4H Battery	Not Applicable	Not Applicable	Eddy	NM	32.00049	-104.01213	8/2/2017	8/1/2018	Attached

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4161	COG Operating LLC	Smalls Fed 7H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.35555	-103.47785	8/2/2017	8/1/2018	Not Applicable
4162	COG Operating LLC	Smalls Federal 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.35548	-103.47236	8/2/2017	8/1/2018	Attached
4163	COG Operating LLC	SRO State Com 30H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.05078	-104.08604	8/2/2017	8/1/2018	Not Applicable
4164	COG Operating LLC	SRO State Com 41H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.07858	-104.07347	8/2/2017	8/1/2018	Not Applicable
4165	COG Operating LLC	SRO State Unit 20H Battery	Not Applicable	Not Applicable	Eddy	NM	32.07807	-104.07034	8/2/2017	8/1/2018	Attached
4166	COG Operating LLC	SRO State Unit 53H Battery	Not Applicable	Not Applicable	Eddy	NM	32.04942	-104.08640	8/2/2017	8/1/2018	Attached
4167	COG Operating LLC	Stratojet 31 State Com 3H	Not Applicable	Not Applicable	Lea	NM	32.52307	-103.49851	8/2/2017	8/1/2018	Attached
4168	COG Operating LLC	Switchback State 21H - OFFSITE	Not Applicable	Not Applicable	Eddy	NM	32.22439	-104.15676	8/2/2017	8/1/2018	Not Applicable
4169	COG Operating LLC	Talco 9 26 35 Federal 3H Battery	Not Applicable	Not Applicable	Lea	NM	32.05871	-103.36871	8/2/2017	8/1/2018	Attached
4170	COG Operating LLC	Tankless Federal 35B CTB	Not Applicable	Not Applicable	Eddy	NM	32.34229	-103.74208	8/2/2017	8/1/2018	Attached
4171	COG Operating LLC	Tenderloin Federal Com 4H Battery	Not Applicable	Not Applicable	Lea	NM	32.40036	-103.53204	8/2/2017	8/1/2018	Attached
4172	COG Operating LLC	Tumak Federal 3 Battery	Not Applicable	Not Applicable	Eddy	NM	32.82769	-104.15461	8/2/2017	8/1/2018	Attached
4173	COG Operating LLC	Vast East CTB	Not Applicable	Not Applicable	Lea	NM	32.03838	-103.58615	8/2/2017	8/1/2018	Attached
4174	COG Operating LLC	Vast State 21H 22H 23H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.03583	-103.59088	8/2/2017	8/1/2018	Not Applicable
4175	COG Operating LLC	Vast State 24H 25H 26H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.03709	-103.59180	8/2/2017	8/1/2018	Not Applicable
4176	COG Operating LLC	Vast West CTB	Not Applicable	Not Applicable	Lea	NM	32.03860	-103.58661	8/2/2017	8/1/2018	Attached
4177	COG Operating LLC	Viking Helmet CTB	Not Applicable	Not Applicable	Lea	NM	32.19401	-103.38693	8/2/2017	8/1/2018	Attached
4178	COG Operating LLC	White Falcon 16 Federal CTB	Not Applicable	Not Applicable	Lea	NM	32.13580	-103.37280	8/2/2017	8/1/2018	Attached
4179	COG Operating LLC	White Falcon 16 State 1H Battery	Not Applicable	Not Applicable	Lea	NM	32.13700	-103.38080	8/2/2017	8/1/2018	Attached
4180	COG Operating LLC	White Falcon State 16D CTB	Not Applicable	Not Applicable	Lea	NM	32.13561	-103.37971	8/2/2017	8/1/2018	Attached
4181	COG Operating LLC	Windward East Battery	Not Applicable	Not Applicable	Lea	NM	32.19429	-103.71882	8/2/2017	8/1/2018	Attached

COG Operating LLC
NSPS OOOOa Annual Report
Site Information

Facility Record No.	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1) (iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12))
4182	COG Operating LLC	Windward Federal 2H Battery	Not Applicable	Not Applicable	Lea	NM	32.19499	-103.71902	8/2/2017	8/1/2018	Attached
4183	COG Operating LLC	Windward Federal 5H 6H - Separation equip removed	Not Applicable	Not Applicable	Lea	NM	32.19447	-103.72185	8/2/2017	8/1/2018	Not Applicable
4184	COG Operating LLC	Windward Federal 7H 8H - OFFSITE	Not Applicable	Not Applicable	Lea	NM	32.19449	-103.71728	8/2/2017	8/1/2018	Not Applicable
4185	COG Operating LLC	Windward West Battery	Not Applicable	Not Applicable	Lea	NM	32.19416	-103.71880	8/2/2017	8/1/2018	Attached
4186	COG Operating LLC	Zeppo 5 Federal Com 25H	Not Applicable	Not Applicable	Lea	NM	32.86390	-103.78817	8/2/2017	8/1/2018	Attached

COG Operating, LLC
NSPS OOOOa Annual Report
Well Completions

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
1125	42-329-41540	No deviations	Not Applicable	Arch Benge C1 2404BH	31.816551, -102.123607	No Flowback		No Flowback				2/14/2018	1:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1126	42-329-41536	No deviations	Not Applicable	Arch Benge C2 2404LH	31.816517, -102.123749	No Flowback		No Flowback				2/14/2018	4:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1127	42-475-37310	No deviations	Not Applicable	Barstow Unit 34-173 7351H	31.466558, -103.366075	No Flowback		No Flowback				12/27/2017	3:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1128	42-389-35717	No deviations	Not Applicable	Brass Monkey St Unit 853H	31.38947, -103.88832	No Flowback		No Flowback				12/3/2017	8:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1129	42-389-35643	No deviations	Not Applicable	Brass Monkey St Unit 874H	31.081747, -103.400327	No Flowback		No Flowback				11/24/2017	7:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1130	42-389-35719	No deviations	Not Applicable	Brass Monkey State Unit 852H	31.389082,103.386689	No Flowback		No Flowback				12/20/2017	3:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1131	42-389-35712	No deviations	Not Applicable	Brass Monkey State Unit 801H	31.389074, -103.384465	No Flowback		No Flowback				1/2/2018	3:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1132	42-389-36165	No deviations	Not Applicable	Brass Monkey State Unit 802HR	31.389087, 103.386403	No Flowback		No Flowback				12/20/2017	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1133	42-389-35714	No deviations	Not Applicable	Brass Monkey State Unit 804H	31.389101, -103.384751	No Flowback		No Flowback				1/3/2018	2:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1134	42-389-35715	No deviations	Not Applicable	Brass Monkey State Unit 805-H	31.389445, -103.38869	No Flowback		No Flowback				12/4/2017	6:15 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1135	42-389-35713	No deviations	Not Applicable	Brass Monkey State Unit 851H	31.389087, -103.384608	No Flowback		No Flowback				1/2/2018	8:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1136	42-475-37320	No deviations	Not Applicable	California Chrome 5003-H	31.5019, -103.4648	No Flowback		No Flowback				2/21/2018	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1137	42-109-33063	No deviations	Not Applicable	Carpenter E Unit 227H	31.99917, -104.042405	10/4/2017	10:00 a.m.	10/5/2017	10:00 a.m.			10/5/2017	11:00 a.m	32	25	Combustion	25	Not Applicable	Not Applicable
1138	42-109-33068	No deviations	Not Applicable	Carpenter F Unit 226H	31.99917, -104.042405	9/27/2017	11:00 a.m.	9/27/2017	11:15 a.m.			9/28/2017	1:30 p.m.	26.5	26.25	Combustion	26.25	Not Applicable	Not Applicable
1139	43-173-37799	No deviations	Not Applicable	Currie 3408	31.81385, -101.388745	No Flowback		No Flowback				4/8/2018	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1140	42-109-33225	No deviations	Not Applicable	Elbow Down 824H	31.982153, -104.191534	6/16/2018	9:00 a.m.	6/17/2018	9:00 a.m.			6/17/2018	5:00 p.m.	32	20	Combustion	20	Not Applicable	Not Applicable
1141	42-109-33137	No deviations	Not Applicable	Grissom 1834H	31.957041, -104.099437	7/23/2018	3:00 p.m.	7/24/2018	7:00 p.m.			7/27/2018	3:00 p.m.	92	92	Combustion	92	Not Applicable	Not Applicable
1142	42-109-33136	No deviations	Not Applicable	Grissom 1833H	31.957041, -104.09934	7/29/2018	11:00 a.m.	7/30/2018	11:00 a.m.			7/30/2018	2:00 p.m.	27	27	Combustion	27	Not Applicable	Not Applicable
1143	42-109-33125	No deviations	Not Applicable	Grissom 1835H	31.969748, -104.105156	7/17/2018	3:45 p.m.	7/18/2018	5:30 a.m.			7/20/2018	8:00 p.m.	64.5	64.5	Combustion	64.5	Not Applicable	Not Applicable
1144	42-109-33124	No deviations	Not Applicable	Grissom 1836H	31.969747, -104.105253	7/21/2018	8:00 a.m	7/22/2018	5:00 p.m.			7/22/2018	1:35 p.m.	21	21	Combustion	21	Not Applicable	Not Applicable
1145	42-109-33117	No deviations	Not Applicable	Grissom 1837H	31.969747, -104.105349	7/21/2018	9:00 a.m.	7/22/2018	6:00 p.m.			7/22/2018	6:00 p.m.	20	20	Combustion	20	Not Applicable	Not Applicable
1146	42-109-33116	No deviations	Not Applicable	Grissom 1838H	31.969746, -104.105446	7/17/2018	2:45 p.m.	7/18/2018				7/20/2018	6:00 p.m.	75.25	73.5	Combustion	73.5	Not Applicable	Not Applicable
1147	42-109-32954	No deviations	Not Applicable	Grissom A 3023H	31.94915, -104.097213	10/22/2017	4:00 p.m.	10/23/2017	10:00 a.m.			10/24/2017	3:00 p.m.	48.5	29	Combustion	29	Not Applicable	Not Applicable
1148	42-109-33083	No deviations	Not Applicable	Grissom A 3021H	31.940885, -104.107306	10/27/2017	5:00 a.m.	10/28/2017	4:00 p.m.			10/29/2017	12:00 p.m.	31	20	Combustion	20	Not Applicable	Not Applicable
1149	42-329-42001	No deviations	Not Applicable	Haley JF D1 1001 LH	31.8475, -102.16104	No Flowback		No Flowback				5/18/2018	9:10 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1150	42-329-42009	No deviations	Not Applicable	Haley JF D2 1001 BH	31.847467, -102.16118	No Flowback		No Flowback				5/18/2018	8:10 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1151	42-389-35801	No deviations	Not Applicable	Ice Man Unit 1401-H	31.3807, -103.4834	No Flowback		No Flowback				9/17/2017	7:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1152	42-475-37315	No deviations	Not Applicable	Intergalactic Unit 7301H	31.466651, -103.36598	No Flowback		No Flowback				1/14/2018	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1153	42-389-35742	No deviations	Not Applicable	Johnny Ryall Unit 1101H	31.388764, -103.358595	No Flowback		No Flowback				12/1/2017	7:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1154	42-389-35740	No deviations	Not Applicable	Johnny Ryall Unit 1102H	31.388793, -103.358881	No Flowback		No Flowback				12/2/2017	8:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1155	42-389-35741	No deviations	Not Applicable	Johnny Ryall Unit 1151H	31.388778, -103.358738	No Flowback		No Flowback				12/2/2017	6:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1156	42-461-40391	No deviations	Not Applicable	Karen P1 Unit 5101BH	31.436732, -102.03406	No Flowback		No Flowback				2/10/2018	2:10 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1157	42-461-40390	No deviations	Not Applicable	Karen P1 Unit 5102BH	31.4368, -102.033783	No Flowback		No Flowback				2/10/2018	10:10 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1158	42-461-40387	No deviations	Not Applicable	Karen P1 Unit 5118AH	31.436766, -102.033921	No Flowback		No Flowback				2/11/2018	10:10 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1159	42-109-33226	No deviations	Not Applicable	Lorena 814H	31.982153, -104.191437	6/14/2018	10:00 a.m.	6/14/2018	10:00 a.m.			6/14/2018	3:00 p.m.	5	5	Combustion	5	Not Applicable	Not Applicable
1160	42-003-47408	No deviations	Not Applicable	Mabee 24 2306 LH	32.283539, -102.221618	No Flowback		No Flowback				12/2/2017	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1161	42-003-47407	No deviations	Not Applicable	Mabee 24 2306 MH	32.283508, -102.221758	No Flowback		No Flowback				12/2/2017	10:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1162	42-003-47492	No deviations	Not Applicable	Mabee 24 2308BH	32.280219, -102.226572	No Flowback		No Flowback				12/26/2017	1:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1163	42-003-47460	No deviations	Not Applicable	Mabee 24 2308LH	32.282678, -102.226252	No Flowback		No Flowback				12/15/2017	4:00 p.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1164	42-003-47542	No deviations	Not Applicable	Mabee 24 2308MS	32.28274, 102.225971	No Flowback		No Flowback				12/15/2017	10:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1165	42-003-47406	No deviations	Not Applicable	Mabee 24 2311 SH	32.283477, -102.221899	No Flowback		No Flowback				12/5/2017	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Well Completions

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
1166	42-003-47461	No deviations	Not Applicable	Mabee 24 2312SH	32.282646, -102.226393	No Flowback		No Flowback				12/18/2017	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1167	42-003-47409	No deviations	Not Applicable	Mabee 24 2307LH	32.283128, -102.223464	No Flowback		No Flowback				12/9/2017	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1168	42-003-47409	No deviations	Not Applicable	Mabee 24 2307MH	32.283128, -102.223464	No Flowback		No Flowback				12/9/2017	10:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1169	42-003-47466	No deviations	Not Applicable	Mabee 240C 1102LH	32. 289507, -102.249317	No Flowback		No Flowback				10/13/2017	10:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1170	42-003-47467	No deviations	Not Applicable	Mabee 240C 1102MH	32. 289507, -102.249317	No Flowback		No Flowback				10/14/2017	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1171	42-003-47642	No deviations	Not Applicable	Mabee 240C 1106 LH	32.28759, -102.257443	No Flowback		No Flowback				1/30/2018	9:30 p.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1172	42-003-47643	No deviations	Not Applicable	Mabee 240C 1106 MH	32.287557, -102.257583	No Flowback		No Flowback				1/30/2018	8:45 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1173	42-003-47438	No deviations	Not Applicable	Mabee 240C 2601LH	32.282282, -102.228027	No Flowback		No Flowback				12/12/2017	3:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1174	42-003-47468	No deviations	Not Applicable	Mabee 240C 1103LH	32.289128, -102.250923	No Flowback		No Flowback				10/16/2017	10:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1175	42-003-47469	No deviations	Not Applicable	Mabee 240C 1103MH	32.289095, -102.251063	No Flowback		No Flowback				10/16/2017	7:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1176	42-003-47498	No deviations	Not Applicable	Mabee 240C 2601 BH	32.280157, -102.226853	No Flowback		No Flowback				12/26/2017	2:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1177	42-003-47497	No deviations	Not Applicable	Mabee 240C 2601AH	32.280188, -102.226712	No Flowback		No Flowback				12/23/2017	11:45 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1178	42-003-47439	No deviations	Not Applicable	Mabee 240C 2601MH	32.282314, -102.227886	No Flowback		No Flowback				12/13/2017	9:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1179	42-461-40541	No deviations	Not Applicable	Neal Ranch 42B Unit 4231AH	31.50988, -102.09749	No Flowback		No Flowback				9/3/2017	3:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1180	42-461-40147	No deviations	Not Applicable	Neal Ranch "38" 9	31.518, -102.125	No Flowback		No Flowback				3/23/2018	2:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1181	42-461-40258	No deviations	Not Applicable	Neal Ranch 38 C Unit 3801BH	31.50396, -102.012291	No Flowback		No Flowback				12/28/2017	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1182	42-461-40253	No deviations	Not Applicable	Neal Ranch 38C Unit 3802BH	31.50396, -102.012291	No Flowback		No Flowback				12/28/2017	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1183	42-461-40543	No deviations	Not Applicable	Neal Ranch 42B Unit 4201BH	31.50971, -102.29728	No Flowback		No Flowback				9/3/2017	1:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1184	42-461-40542	No deviations	Not Applicable	Neal Ranch 42B Unit 4202BH	31.50979, -102.09739	No Flowback		No Flowback				9/3/2017	2:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1185	42-461-40662	No deviations	Not Applicable	Neal Ranch 57 Unit 5701 BH	31.48688, -102.06874	No Flowback		No Flowback				5/7/2018	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1186	42-461-40660	No deviations	Not Applicable	Neal Ranch 57 Unit 5702 BH	31.486954, -102.068462	No Flowback		No Flowback				5/7/2018	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1187	42-461-40061	No deviations	Not Applicable	Neal Ranch 57 Unit 5728 AH	31.48692, -102.068601	No Flowback		No Flowback				5/7/2018	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1188	42-329-41499	No deviations	Not Applicable	Parks Field Unit 2 2308LH	31.805133, -102.145163	No Flowback		No Flowback				1/23/2018	1:50 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1189	42-329-41498	No deviations	Not Applicable	Parks Field Unit 2 2308MH	31.805098, -102.145302	No Flowback		No Flowback				1/23/2018	1:40 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1190	42-329-41609	No deviations	Not Applicable	PFU 1458BH	31.827836, -102.15444	5/22/2018	1:45 p.m.	5/20/2018				5/22/2018	1:45 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1191	42-329-41537	No deviations	Not Applicable	PFU 1458LH	31.816483, -102.12388	5/22/2018	3:45 p.m.	5/15/2018				5/22/2018	3:45 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1192	42-329-41740	No deviations	Not Applicable	PFU 2 1807 LH	31.819500, -102.128809	No Flowback		No Flowback				2/23/2018	9:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1193	42-329-41501	No deviations	Not Applicable	PFU 2 2308 BH	31-4818, -102.846	No Flowback		No Flowback				1/23/2018	8:30 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1194	42-329-41537	No deviations	Not Applicable	PFU 2 1805SH	31.816483, -102.123888	No Flowback		No Flowback				2/14/2018	3:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1195	42-329-41741	No deviations	Not Applicable	PFU 2 1806LH	31.819381, -102.128769	No Flowback		No Flowback				2/23/2018	6:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1196	42-329-41516	No deviations	Not Applicable	PFU 3 1008LH	31.657174, -102.116614	No Flowback		No Flowback				2/20/2018	2:45 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1197	42-329-41517	No deviations	Not Applicable	PFU 3 1008 BH	31.655715, -102.116753	No Flowback		No Flowback				2/20/2018	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1198	42-329-41612	No deviations	Not Applicable	PFU 3 103AH	31.6777, -102.1538	No Flowback		No Flowback				4/17/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1199	42-329-41611	No deviations	Not Applicable	PFU3 102 BH	31.677841, -102.153815	No Flowback		No Flowback				4/17/2018	7:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1200	42-329-41615	No deviations	Not Applicable	PFU3 102 LH	31.677722, -102.1543776	No Flowback		No Flowback				4/16/2018	9:45 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1201	42-329-41613	No deviations	Not Applicable	PFU3 103BH	31.677909, -102.153537	No Flowback		No Flowback				4/18/2018	1:10 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1202	42-329-41614	No deviations	Not Applicable	PFU3 103LH	31.67779, -102.153497	No Flowback		No Flowback				4/16/2018	9:20 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1203	42-389-36036	No deviations	Not Applicable	Phoenix B Unit 7603-H	31.059986, -103.404729	No Flowback		No Flowback				9/13/2017	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1204	42-389-36300	No deviations	Not Applicable	Prairie Flower Unit 7705H	31.067522, -103.395046	No Flowback		No Flowback				2/8/2018	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1205	42-135-43532	No deviations	Not Applicable	Ratliff I Unit 4401MH	31.927659, -102.320665	No Flowback		No Flowback				4/14/2018	1:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1206	42-135-43533	No deviations	Not Applicable	Ratliff K Unit 4406LH	31.927590 , -102.320943	No Flowback		No Flowback				4/13/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Well Completions

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(iii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
1207	42-135-43534	No deviations	Not Applicable	Ratliff K Unit 4406MH	31.927624, -102.320804	No Flowback		No Flowback				4/13/2018	6:15 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1208	42-389-36690	No deviations	Not Applicable	Ridgeway 3603H	31.030665, -103.400623	No Flowback		No Flowback				7/2/2018	10:30 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1209	42-329-41780	No deviations	Not Applicable	Roy Parks B 3306 LH	31.86161, -102.274857	No Flowback		No Flowback				5/2/2018	11:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1210	42-329-41783	No deviations	Not Applicable	Roy Parks B 3306 MH	31.861576, -102.274997	No Flowback		No Flowback				5/2/2018	9:45 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1211	42-389-35838	No deviations	Not Applicable	Sam Bird 6-3 1H	31.39976, -103.42708	No Flowback		No Flowback				9/23/2017	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1212	42-389-36704	No deviations	Not Applicable	Sam Bird 6-3 71H	31.400374, -103.43036	5/11/2018	1:00 p.m.	5/9/2018				5/11/2018	1:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1213	42-389-36517	No deviations	Not Applicable	Screaming Eagle Unit3802H	31.0839891, -103.397789	No Flowback		No Flowback				3/1/2018	1:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1214	42-109-33277	No deviations	Not Applicable	Shepard State 823H	31.97190, -104.090950	6/23/2018	5:00 p.m.	5/29/2018	12:00 p.m.			6/24/2018	9:00 a.m.	38	38	Combustion	38	Not Applicable	Not Applicable
1215	42-389-35220	No deviations	Not Applicable	Sure Shot Unit 901H	31.396004, -103.37731	No Flowback		No Flowback				12/14/2017	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1216	42-389-35845	No deviations	Not Applicable	Sure Shot Unit 903H	31.384861, 103.383215	No Flowback		No Flowback				12/22/2017	1:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1217	42-389-35650	No deviations	Not Applicable	The Sphinx 701H	31.393778, -103.389811	No Flowback		No Flowback				12/5/2017	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1218	42-389-36567	No deviations	Not Applicable	The Boss Unit 204H	31.316342, -103.289431	No Flowback		No Flowback				5/17/2018	11:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1219	42-389-35874	No deviations	Not Applicable	The Sphinx 703H	31.395043, -103.397166	No Flowback		No Flowback				11/22/2017	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1220	42-389-35210	No deviations	Not Applicable	Timberwolf St Unit 1752H	31.36793, -390582	No Flowback		No Flowback				3/19/2018	3:50 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1221	42-389-35209	No deviations	Not Applicable	Timberwolf State Unit1792H	31.367972, -103.389072	No Flowback		No Flowback				3/19/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1222	42-461-40513	No deviations	Not Applicable	TXL T1 2701BH	31.52649, -102.15737	No Flowback		No Flowback				9/29/2017	8:10 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1223	42-461-40514	No deviations	Not Applicable	TXL T2 2731AH	31.52647, -102.157137	No Flowback		No Flowback				9/29/2017	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1224	42-461-40515	No deviations	Not Applicable	TXL T3 2702BH	31.52644, 102.15709	No Flowback		No Flowback				9/29/2017	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1225	42-389-35231	No deviations	Not Applicable	Tycoon D 703H	31.385804, -103.368976	No Flowback		No Flowback				12/16/2017	6:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1226	42-389-35296	No deviations	Not Applicable	Tycoon D 751H	31.385751, -103.368845	No Flowback		No Flowback				12/16/2017	11:00 a.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1227	42-389-35295	No deviations	Not Applicable	Tycoon D 752H	31.385857, -103.369106	No Flowback		No Flowback				12/17/2017	12:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1228	43-389-35367	No deviations	Not Applicable	Tycoon E 1052 H	31.385909, -103.369235	No Flowback		No Flowback				12/5/2017	9:15 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1229	42-389-36501	No deviations	Not Applicable	Uncompaghre St Unit 9702H	30.99446, -103.390312	6/1/2018	10:00 a.m.	5/29/2018				6/1/2018	10:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1230	42-461-40393	No deviations	Not Applicable	Vanessa P1 Unit 5201BH	31.43499, -102.033671	No Flowback		No Flowback				3/1/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1231	42-461-40392	No deviations	Not Applicable	Vanessa P1 Unit 5228AH	31.434906, -102.03381	No Flowback		No Flowback				3/1/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1232	42-461-40393	No deviations	Not Applicable	Vanessa P1 Unit 5202BH	31.43499, -102.033671	No Flowback		No Flowback				3/1/2018	6:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1233	42-109-33160	No deviations	Not Applicable	Wetherbee Unit 422H	31.986002, 104.067	1/17/2018	9:00 a.m.	1/18/2018	12:00 p.m.			1/18/2018	2:00 p.m.	26	16	Combustion	16	Not Applicable	Not Applicable
1234	42-109-33161	No deviations	Not Applicable	Wetherbee Unit 424H	31.985933, -104.07739	5/24/2018	7:00 a.m.	5/25/2018	3:00 p.m.			5/24/2018	5:00 p.m.	2	2	Combustion	2	Not Applicable	Not Applicable
1235	42-389-36539	No deviations	Not Applicable	White Crow Unit 3202-H	31.0379, -103.4711	No Flowback		No Flowback				3/6/2018	12:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1236	42-461-40693	No deviations	Not Applicable	Windham B1 3008LH	31.633123, -102.091029	No Flowback		No Flowback				7/13/2018	11:45 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1237	42-461-40692	No deviations	Not Applicable	Windham B10 3006BH	31.631811, -102.095387	No Flowback		No Flowback				7/25/2018	2:15 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1238	42-461-40691	No deviations	Not Applicable	Windham B2 3008BH	31.633157, -102.09089	No Flowback		No Flowback				7/9/2018	11:15 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1239	42-461-40705	No deviations	Not Applicable	Windham B3 3008SH	31.632686 , -102.093429	No Flowback		No Flowback				7/28/2018	9:30 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1240	42-461-40694	No deviations	Not Applicable	Windham B5 3008CH	31.633089, -102.091168	No Flowback		No Flowback				7/6/2018	10:45 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1241	42-461-40699	No deviations	Not Applicable	Windham B6 3007LH	31.632567, -102.093389	No Flowback		No Flowback				7/28/2018	9:30 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1242	42-461-40695	No deviations	Not Applicable	Windham B7 3007BH	31.632329, -102.093311	No Flowback		No Flowback				7/27/2018	4:15 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1243	42-461-40689	No deviations	Not Applicable	Windham B8 3007SH	31.632049, 102.095465	No Flowback		No Flowback				7/24/2018	8:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
1244	42-461-40690	No deviations	Not Applicable	Windham B9 3006LH	31.63193, -102.095426	No Flowback		No Flowback				7/24/2018	4:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2110	30-025-43845	No deviations	Not Applicable	Azores Federal 6H	32.181636, -103.693655	4/18/2018	4:00 p.m.	4/20/2018	9:00 a.m.			4/19/2018	12:00 p.m.	3	3	Combustion	3	Not Applicable	Not Applicable
2111	30-025-43758	No deviations	Not Applicable	Azores Federal 9H	32.181593, -103.703259	4/21/2018	1:00 p.m.	4/22/2018	6:00 p.m.			4/22/2018	8:00 a.m.	14	11	Combustion	11	Not Applicable	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Well Completions

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
2112	30-025-43856	No deviations	Not Applicable	Becknell St. Com 4H	32.504386, -103.60212	10/12/2017	11:00 a.m.	10/15/2017	1:00 p.m.			10/16/2017	11:00 a.m	96	44	Combustion	44	Not Applicable	Not Applicable
2113	30-015-44100	No deviations	Not Applicable	BKU 946H	32.82583, -104.03745	No Flowback		No Flowback				9/8/2017	6:30 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2114	30-015-54415	No deviations	Not Applicable	BKU 955H	32.824432, -104.03562	No Flowback		No Flowback				9/9/2017	11:30 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2115	30-015-44149	No deviations	Not Applicable	BKU 962H	32.82308, -104.01985	No Flowback		No Flowback				8/30/2017	11:45 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2116	30-015-44079	No deviations	Not Applicable	BKU 964H	32.823041, -104.019851	No Flowback		No Flowback				8/20/2017	5:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2117	30-025-44270	No deviations	Not Applicable	Bobwhite 12 St Com 12H	32.499898, -103.521275	7/18/2018	11:30 p.m	7/21/2018	1:00 p.m.			7/21/2018	3:00 p.m.	26	26	Combustion	26	Not Applicable	Not Applicable
2118	30-025-43233	No deviations	Not Applicable	Bobwhite 12 St Com 2H	32.49999, -103.523480	6/14/2018	9:00 a.m.	6/15/2018	8:00 p.m			6/21/2018	4:00 p.m.	68	59	Combustion	59	Not Applicable	Not Applicable
2119	30-025-43049	No deviations	Not Applicable	Bobwhite 12 St Com 7H	32.49989, -103.522182	6/23/2018	1:00 p.m.	6/25/2018	6:00 a.m.			6/25/2018	11:30 a.m.	29.5	24	Combustion	24	Not Applicable	Not Applicable
2120	30-025-44004	No deviations	Not Applicable	Branex-COG Fed Com 25H	32.847491, -103.779179	No Flowback		No Flowback				4/4/2018	2:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2121	30-025-43743	No deviations	Not Applicable	Branex-COG Fed Com 17H	32.844511, -103.77963	No Flowback		No Flowback				10/7/2017	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2122	30-015-44268	No deviations	Not Applicable	Burkett 16 State 12H	32.838489, -103.870879	No Flowback		No Flowback				9/24/2017	4:00 p.m	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2123	30-015-44271	No deviations	Not Applicable	Carmen 3 Fed Com 91H	32.896466, -103.951207	No Flowback		No Flowback				11/8/2017	7:00 a.m.	67	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2124	30-025-43693	No deviations	Not Applicable	Columbus Fed Com 21H	32.09356, -103.555856	6/8/2018	11:00 a.m.	6/8/2018	11:00 a.m.			6/9/2018	8:00 a.m.	21	21	Combustion	21	Not Applicable	Not Applicable
2125	30-025-43693	No deviations	Not Applicable	Columbus Fed Com 22H	32.093462, -103.55856	3/12/2018	8:00 a.m	3/12/2018	9:00 p.m.			3/13/2018	10:00 a.m.	26	13	Combustion	13	Not Applicable	Not Applicable
2126	30-025-43490	No deviations	Not Applicable	Columbus Fee 24H	32.093564, -103.558323	3/5/2018	10:00 a.m.	3/5/2018	7:00 p.m.			3/6/2018	10:00 a.m.	15	5	Combustion	5	Not Applicable	Not Applicable
2127	30-025-43683	No deviations	Not Applicable	Coonskin Fee25H	32.195053,103.373033	2/4/2018	9:00 a.m.	2/7/2018	6:00 a.m.			2/6/2018	11:00 a.m.	5	5	Combustion	5	Not Applicable	Not Applicable
2128	30-015-44319	No deviations	Not Applicable	Copperhead 31 Fee 20H	32.001787, -104.030692	4/16/2018	5:30 p.m.	4/17/2018	7:15 a.m.			4/19/2018	1:00 p.m.	67	41.75	Combustion	41.75	Not Applicable	Not Applicable
2129	30-015-44118	No deviations	Not Applicable	Copperhead Fed Com 21H	32.02031, -104.02052	8/15/2017	11:00 a.m.	8/16/2017	11:00 a.m.			8/17/2017	11:00 a.m	52.95	48	Combustion	48	Not Applicable	Not Applicable
2130	30-015-44208	No deviations	Not Applicable	Craig Fed Com 12H	32.077033, -104.25218	11/9/2017	10:00 a.m.	11/10/2017	6:00 p.m.			11/11/2017	12:00 p.m.	50	42	Combustion	42	Not Applicable	Not Applicable
2131	30-015-44209	No deviations	Not Applicable	Craig Fed Com 2H	32.077033, -104.252277	11/6/2017	8:00 p.m.	11/8/2017	11:00 a.m.			11/8/2017	2:00 p.m.	44.9	27	Combustion	27	Not Applicable	Not Applicable
2132	30-015-44128	No deviations	Not Applicable	Dodd Fed Unit 917H	32.838882, -104.054291	No Flowback		No Flowback				9/15/2017	9:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2133	30-015-44151	No deviations	Not Applicable	Dodd Fed Unit 923H	32.8285495, -104.036963	No Flowback		No Flowback				9/15/2017	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2134	30-015-44274	No deviations	Not Applicable	Dodd Fed Unit 908H	32.855107, -104.054004	No Flowback		No Flowback				9/11/2017	7:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2135	30-015-44368	No deviations	Not Applicable	Dodd Fed Unit 920H	32.833523, -104.036978	No Flowback		No Flowback				11/8/2017	10:30 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2136	30-025-43855	No deviations	Not Applicable	Fascinator Fee 24H	32.202277, -103.404739	11/16/2017	10:00 a.m.	11/17/2017	12:00 p.m.			11/17/2017	12:00 p.m.	35.1	24	Combustion	24	Not Applicable	Not Applicable
2137	30-015-42282	No deviations	Not Applicable	Graham Cracker 2 St. 1H	32.065951, -104.05066	3/13/2018	10:00 a.m.	3/16/2018	9:15 a.m.			3/19/2018	11:20 a.m.	91	24	Combustion	24	Not Applicable	Not Applicable
2138	30-015-44297	No deviations	Not Applicable	Malco 23 Fed Com 13H	32.827136, -104.149643	No Flowback		No Flowback				11/29/2017	7:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2139	30-025-44214	No deviations	Not Applicable	Mas Fed Com 2H	32.536200, -103.541152	4/4/2018	10:00 a.m.	4/5/2018	4:30 p.m.			4/5/2018	10:30 a.m.	18	12.5	Combustion	12.5	Not Applicable	Not Applicable
2140	30-025-44092	No deviations	Not Applicable	Mas Federal Com 1H	32.536200, -103.53687	4/4/2018	10:00 a.m.	4/5/2018	7:00 p.m.			4/5/2018	9:00 a.m.	13	10	Combustion	10	Not Applicable	Not Applicable
2141	30-025-43924	No deviations	Not Applicable	Montera Fed Com 23H	32.13803, -103.35813	5/4/2018	11:00 a.m.	5/6/2018	3:00 p.m.			5/7/2018	1:30 p.m.	47.5	24	Combustion	24	Not Applicable	Not Applicable
2142	30-015-44296	No deviations	Not Applicable	Myox 20 Fed Com 5H	32.121501, -104.107112	12/10/2017	11:50 a.m.	12/12/2017	12:00 p.m.			12/13/2017	8:00 a.m.	44	44	Combustion	44	Not Applicable	Not Applicable
2143	30-015-41745	No deviations	Not Applicable	Myox 21 ST Com 1H	32.108525, -104.098721	3/3/2018	6:00 p.m.	3/7/2018	8:00 a.m.			3/6/2018	12:00 p.m.	4	4	Combustion	4	Not Applicable	Not Applicable
2144	30-015-41743	No deviations	Not Applicable	Myox 21 St Com 4H	32.108641, -104.08457	3/8/2018	12:00 p.m.	3/12/2018	11:00 p.m.			3/12/2018	11:00 a.m.	13	7	Combustion	7	Not Applicable	Not Applicable
2145	30-025-43705	No deviations	Not Applicable	Nelson Fed Com 13H	32.83371, -103.75617	8/7/2017	11:00 a.m.					8/29/2017	6:00 p.m.	252	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2146	30-025-43706	No deviations	Not Applicable	Nelson Fed Com 23H	32.83314, -103.75601	No Flowback		No Flowback				8/29/2017	6:00 p.m.	252	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2147	30-015-44102	No deviations	Not Applicable	Populus Fed 2H	32.10773, -104.210474	8/11/2017	1:00 p.m.	8/13/2017	10:00 a.m.			8/12/2017	5:00 p.m.	82.3	7	Combustion	7	Not Applicable	Not Applicable
2148	30-015-44103	No deviations	Not Applicable	Populus Fed 4H	32.107471, -104.216880	7/31/2018	4:30 a.m.	8/19/2017	6:00 p.m.			8/22/2017	1:00 p.m.	182.5	67	Combustion	67	Not Applicable	Not Applicable
2149	30-025-41411	No deviations	Not Applicable	Ringo 32 Fed Com 1H	32.610407, -103.780876	4/24/2018	9:00 a.m.					5/7/2018	9:00 a.m.	312	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2150	30-015-44148	No deviations	Not Applicable	Road Runner Fed Com 12H	32.093993, -104.243913	12/21/2017	9:00 p.m.	12/23/2017	8:00 a.m.			12/23/2017	3:00 p.m.	32	7.5	Combustion	7.5	Not Applicable	Not Applicable
2151	30-015-44147	No deviations	Not Applicable	Road Runner Fed Com 2H	32.093993, -104.243816	12/19/2017	11:00 a.m.	12/20/2017	12:00 p.m.			12/21/2017	3:00 p.m.	40	24	Combustion	24	Not Applicable	Not Applicable
2152	30-015-44189	No deviations	Not Applicable	Roadster St. Com 1H	32.253262, -104.184342	3/14/2018	7:00 p.m.	3/17/2018	1:00 p.m.			3/21/2018	1:00 p.m.	162	96	Combustion	96	Not Applicable	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Well Completions

Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number* (§60.5420a(b)(1)(ii))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Combustion in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))
2153	30-015-44192	No deviations	Not Applicable	Sidewinder Fed Com 4H	32.000657, -104.011769	9/2/2017	3:00 p.m.	9/3/2017	3.00 p.m.			9/6/2017	1:00 p.m.	94	94	Combustion	94	Not Applicable	Not Applicable
2154	30-025-43064	No deviations	Not Applicable	Smalls Fed 2H	32.35581, -103.472414	6/2/2018	10:30 a.m.	6/3/2018	10:30 a.m.			6/2/2018	3:00 p.m.	4.5	3.5	Combustion	3.5	Not Applicable	Not Applicable
2155	30-025-41489	No deviations	Not Applicable	Sneed 9 Fed Com 21H	32.855507, -103.779543	No Flowback		No Flowback				8/13/2017	1:00 p.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2156	30-015-41739	No deviations	Not Applicable	SRO St Com 41H	32.078291, -104.073443	11/7/2017	10:30 a.m.	11/9/2017	6:00 a.m.			11/10/2017	12:00 p.m.	73.5	54	Combustion	54	Not Applicable	Not Applicable
2157	30-015-44196	No deviations	Not Applicable	Sro State Com 30H	32.050653, -104.085535	11/1/2017	12:00 p.m.	11/2/2017	8:00 a.m.			11/2/2017	3:00 p.m.	27	7	Combustion	7	Not Applicable	Not Applicable
2158	30-015-44196	No deviations	Not Applicable	Sro State Com 30H	32.050653, -104.085535	11/1/2017	12:00 p.m.	11/2/2017	8:00 a.m.			11/2/2017	3:00 p.m.	27	7	Combustion	7	Not Applicable	Not Applicable
2159	30-025-43838	No deviations	Not Applicable	Stove Pipe Fed Com 1H	32.165445, -103.399228	1/28/2018	6:00 p.m.	1/29/2018	12:00 a.m			1/29/2018	2:00 p.m.	14	6	Combustion	6	Not Applicable	Not Applicable
2160	30-025-43839	No deviations	Not Applicable	Stove Pipe Fed Com 21H	32.165476, -103.399102	2/1/2018	7:00 a.m.	2/2/2018	9:00 p.m.			2/2/2018	9:00 a.m	12	8	Combustion	8	Not Applicable	Not Applicable
2161	30-025-43792	No deviations	Not Applicable	Stratojet 31 St Com 7H	32.524413, -103.498815	4/20/2018	8:00 p.m.	4/22/2018	7:00 p.m.			4/23/2018	10.00 p.m.	62	24	Combustion	24	Not Applicable	Not Applicable
2162	30-015-44434	No deviations	Not Applicable	Tankless Fed Com 2H	32.341638, -103.875214	2/21/2018	11:00 a.m.	2/23/2018	8:00 a.m.			2/22/2018	1:00 p.m.	5	5	Combustion	5	Not Applicable	Not Applicable
2163	30-025-43891	No deviations	Not Applicable	Tenderloin Fed Com 4H	32.40066, -103.53201	2/6/2018	5:00 p.m.	2/10/2018				2/9/2018	12:00 p.m.	3	3	Combustion	3	Not Applicable	Not Applicable
2164	30-025-43546	No deviations	Not Applicable	Vast State 25H	32.03671, -103.591386	9/3/2017	7:00 p m.	9/4/2017	4:00 a.m			9/5/2017	3:00 p.m.	50	41	Combustion	41	Not Applicable	Not Applicable
2165	30-025-43655	No deviations	Not Applicable	Vast St. 20H	32.027272, -103.587165	9/13/2017	5:00 p.m.	9/14/2017	5:00 p.m.			9/14/2017	10:00 a.m.	20.25	17	Combustion	17	Not Applicable	Not Applicable
2166	30-025-43552	No deviations	Not Applicable	Vast St. 23H	32.036722, -103.589205	9/12/2017	2:00:00 p.m.	9/13/2017	2:00 p.m.			9/13/2017	10:00 a.m.	20	20	Combustion	20	Not Applicable	Not Applicable
2167	30-025-43550	No deviations	Not Applicable	Vast State 21H	32.036722, 103.588947	9/5/2017	12:00 a.m.	9/5/2017	12:00 a.m.			9/6/2017	10:00 a.m.	34	34	Combustion	34	Not Applicable	Not Applicable
2168	30-025-43551	No deviations	Not Applicable	Vast State 22H	32.036722, -103.58907	9/7/2017	2:00 p.m	9/8/2017	2:00 p.m.			9/8/2017	11:00 a.m	21	21	Combustion	21	Not Applicable	Not Applicable
2169	30-0025-43545	No deviations	Not Applicable	Vast State 24H	32.03671, -103.591723	9/7/2017	8:00 p.m.	9/8/2017	8:00 p.m.			9/8/2017	10:00 a.m.	14	14	Combustion	14	Not Applicable	Not Applicable
2170	30-025-43547	No deviations	Not Applicable	Vast State 26H	32.03671, -103.591949	8/30/2017	8:00 a.m	8/31/2017	4:30 PM			9/1/2017	11:00 a.m	51	42.5	Combustion	42.5	Not Applicable	Not Applicable
2171	30-025-43779	No deviations	Not Applicable	Viking Helmet State Com 24H	32.196206, -103.387707	9/11/2017	8:00 a.m	9/12/2017	8:00 a.m.			9/14/2017	11:00 AM	75	75	Combustion	75	Not Applicable	Not Applicable
2172	30-025-43932	No deviations	Not Applicable	White Falcon 16 Fed Com 22H	32.136889, -103.374291	7/12/2018	7:00 p.m.	7/14/2018	7:30 a.m.			7/13/2018	7:30 a.m.	12.5	Not Applicable	Gas Sales	Not Applicable	Not Applicable	Not Applicable
2173	30-025-43930	No deviations	Not Applicable	White Falcon 16 Fed Com 11 H	32.136889, -103.374162	7/17/2018	7:00 p.m	7/19/2018	7:00 a.m.			7/18/2018	9:00 a.m.	2	2	Combustion	2	Not Applicable	Not Applicable
2174	30-025-43931	No deviations	Not Applicable	White Falcon 16 Fed Com 21H	32.136889, -103.374032	7/21/2018	7: 00 a.m.	7/23/2018	7:00 a.m.			7/22/2018	11:30 a.m.	4.5	4.5	Combustion	4.5	Not Applicable	Not Applicable
2175	30-025-43698	No deviations	Not Applicable	White Falcon 16 St Com 13H	32.136890, -103.378063	7/19/2018	6:00 p.m.	7/20/2018	10:00 a.m			7/20/2018	9:00 a.m.	11	11	Combustion	11	Not Applicable	Not Applicable
2176	30-025-43699	No deviations	Not Applicable	White Falcon 16 St Com 23H	32.13689, -103.377934	7/21/2018	10:00 p.m.	7/23/2018	7:00 a.m.			7/22/2018	1:00 p.m	6	6	Combustion	6	Not Applicable	Not Applicable
2177	30-025-43700	No deviations	Not Applicable	White Falcon 16 ST Com 24H	32.136890, -103.374292	7/16/2018	9:30 p.m.	7/18/2018	7:30 a.m.			7/17/2018	9:00 a.m.	1.5	1.5	Combustion	1.5	Not Applicable	Not Applicable
2178	30-025-43697	No deviations	Not Applicable	White Falcon 16 ST Com 12H	32.136889, -103.377804	7/25/2018	4:00 p.m.	7/26/2018	11:00 a.m.			7/26/2018	7:00 a.m.	8	8	Combustion	8	Not Applicable	Not Applicable
2179	30-025-43567	No deviations	Not Applicable	Windward Fed 10H	32.194920, -103.711058	8/14/2017	6:00 p.m.	8/16/2015	12:00 p.m.			8/16/2017	12:00 a.m.	45.5	26	combustion	26	Not Applicable	Not Applicable
2180	30-025-43707	No deviations	Not Applicable	Windward Fed 11H	32.194937, -103.706565	8/10/2017	9:00 a.m.	8/13/2017	11:00 a.m.			8/15/2017	1:30 p.m.	100.5	50.5	combustion	50.5	Not Applicable	Not Applicable
2181	30-025-43566	No deviations	Not Applicable	Windward Fed 9H	32.195043, -103.7117	8/18/2017	4:00 p.m.	8/20/2017	9:00 a.m			8/21/2017	1:30 p.m.	69.5	56.5	combustion	56.5	Not Applicable	Not Applicable
2182	30-025-43708	No deviations	Not Applicable	Windward Fed 12H	32.167045, -103.705773	8/5/2017	10:00 a.m.	8/7/2017	3:15 p.m.			8/10/2017	11:00 a.m	97	67.75	combustion	67.75	Not Applicable	Not Applicable
2183	30-025-43174	No deviations	Not Applicable	Windward Federal 5H	32.194903, -103.720778	8/18/2017	1:00 p.m.	8/22/2017	8:00 a.m.			8/22/2017	12:00 p.m.	95	28	Combustion	28	Not Applicable	Not Applicable
2184	30-025-43465	No deviations	Not Applicable	Windward Federal 6H	32.195027, 103.721162	8/22/2017	3:00 p.m.	8/24/2017	8:00 a.m.			8/23/2017	2:00 p.m.	9	6	Combustion	6	Not Applicable	Not Applicable
2185	30-025-43516	No deviations	Not Applicable	Windward Federal 7H	32.194908, -103.716511	8/30/2017	6:30 a.m.	9/1/2017	5:00 a.m.			8/31/2017	11:00 a.m	52.5	30	Combustion	30	Not Applicable	Not Applicable
2186	30-025-43517	No deviations	Not Applicable	Windward Federal 8H	32.194908, -103.71635	8/24/2017	10:00 a.m.	8/26/2017	9:00 a.m			8/28/2017	3:00 p.m.	117.5	78	Combustion	78	Not Applicable	Not Applicable
2187	30-025-44114	No deviations	Not Applicable	Zeppo 5 Fed Com 15H	32.863975, -103 787167	No Flowback		No Flowback				4/20/2018	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2188	30-025-44141	No deviations	Not Applicable	Zeppo 5 Fed Com 25H	32.863974, -103.78676	No Flowback		No Flowback				4/20/2018	8:00 a.m.	0	0	Not Applicable	Not Applicable	Not Applicable	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Reciprocating Compressors

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility	Compressor ID * (§60.5420a(b)(1)(ii))	Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (§60.5420a(b)(4)(i))	If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months of operation since initial startup or the previous rod packing replacement (whichever is later)? * (§60.5420a(b)(4)(i))	Units of Time Measurement * (§60.5420a(b)(4)(i))	Deviations where the reciprocating compressor was not operated in compliance with requirements* (§60.5420(b)(4)(ii) and §60.5420a(c)(3)(iii))
3017	Grissom 1802H	V5847	No	29496	hours	Not Applicable
3022	Horn Splitter 1002H	A7025	No	22830	hours	Not Applicable
3033	Marie H	14127	No	11391	hours	Not Applicable
3033	Marie H	13866	No	11632	hours	Not Applicable
3037	Norma Unit 7132 AH	412022	No	32	months	Not Applicable
3105	Shepard 823H	Tops 109	No	2900	hours	Not Applicable
4001	Admiral Fed Com 2H	MC6029	No	26	months	Not Applicable
4003	Banter State Com 4H	MC6017	No	28	months	Not Applicable
4005	Blue Jay Fed 1H	V4293	No	11498	hours	Not Applicable
4012	Broadcaster 29 Fed 3H	MC6002	No	28.5	months	Not Applicable
4020	Cali Roll Fed Com 2H	MC2834	No	26.5	months	Not Applicable
4023	Chopper State Com 3H	MC 1875	No	24.5	months	Not Applicable
4029	Cottonmouth 23 Fed Com 2H	CDM4086	No	28	months	Not Applicable
4031	Diamondback 22 State Com 5H	CDM3790	No	29	months	Not Applicable
4035	Eata Fajita State 9H & 10H	CDM4076	No	28	months	Not Applicable
4037	Eider Fed 2H	V3665	No	17044	hours	Not Applicable
4039	Fascinator Fee Com 2H	Tops 269	No	11688	hours	Not Applicable
4045	Graham Nash Fed Com 7H	MC1735	No	17	months	Not Applicable
4046	Gunner 8 Fed Com 6H & 7H	MC3491	No	25.5	months	Not Applicable
4048	Horned Owl Fed 3H	MC3842	No	24.5	months	Not Applicable
4052	Lajitas BWQ State Com 1H	Tops 216	No	10224	hours	Not Applicable
4056	Macho Nacho State 10H	A7083	No	23561	hours	Not Applicable
4057	Man State 2H	A7069	No	25126	hours	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Reciprocating Compressors

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility	Compressor ID * (§60.5420a(b)(1)(ii))	Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (§60.5420a(b)(4)(i))	If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months of operation since initial startup or the previous rod packing replacement (whichever is later)? * (§60.5420a(b)(4)(i))	Units of Time Measurement * (§60.5420a(b)(4)(i))	Deviations where the reciprocating compressor was not operated in compliance with requirements* (§60.5420(b)(4)(ii) and §60.5420a(c)(3)(iii))
4058	Mas Fed 3H	V3388	No	31880	hours	Not Applicable
4059	Mastiff Fed 3H	MC2359	No	16	months	Not Applicable
4061	Monet Fed 3H	MC3677	No	26.5	months	Not Applicable
4068	Patron 23 Fed 4H	CDM 3707	No	28	months	Not Applicable
4072	Populus Fed 3H	CDM 1727	No	14	months	Not Applicable
4084	Stove Pipe Fed Com 2H	Topps-220	No	8760	hours	Not Applicable
4087	Sitka BSI State Com 1H	MC1556	No	12.5	months	Not Applicable
4089	Skull Cap Fed Com 22H	Tops 198	No	11688	hours	Not Applicable
4091	Smalls Fed 1H	Topps 194	No	10248	hours	Not Applicable
4100	Switchback State 21H	MC2849	No	12	months	Not Applicable
4146	Montera Federal 23H	Tops 238	No	1440	hours	Not Applicable
4162	Smalls Fed 2H	Tops 228	No	2208	hours	Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4004	Beech 25 Federal 9H Battery	39376	constructed	32.800572	-104.23985	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39374	constructed	32.800572	-104.23985	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39384	constructed	32.800572	-104.23985	VOC emission rate > 6 tpy	No Deviations	Yes	No
4006	Bone Yard 11 Fee 12H Battery	39282	constructed	32.595469	-104.459176	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39281	constructed	32.595469	-104.459176	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39279	constructed	32.595469	-104.459176	VOC emission rate > 6 tpy	No Deviations	Yes	No
4008	Bose Ikard 4 State Com 18H Battery	38173	constructed	32.857647	-104.087249	VOC emission rate > 6 tpy	No Deviations	Yes	No
		38175	constructed	32.857647	-104.087249	VOC emission rate > 6 tpy	No Deviations	Yes	No
		38142	constructed	32.857647	-104.087249	VOC emission rate > 6 tpy	No Deviations	Yes	No
4009	Bradley 8 Fee 2H Battery	40558	constructed	32.668689	-104.406391	VOC emission rate > 6 tpy	No Deviations	Yes	No
		40664	constructed	32.668689	-104.406391	VOC emission rate > 6 tpy	No Deviations	Yes	No
		40564	constructed	32.668689	-104.406391	VOC emission rate > 6 tpy	No Deviations	Yes	No
4010	Bradley 8 Fee 3H Battery	1360	constructed	32.66866754	-104.402448	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1354	constructed	32.66866754	-104.402448	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1350	constructed	32.66866754	-104.402448	VOC emission rate > 6 tpy	No Deviations	Yes	No
4011	Branex-COG Federal 11 Battery	39566	constructed	32.84679589	-103.778911	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39617	constructed	32.84679589	-103.778911	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39513	constructed	32.84679589	-103.778911	VOC emission rate > 6 tpy	No Deviations	Yes	No
4014	Burch Keely Unit 13A Battery	32857	constructed	32.836476	-104.026316	VOC emission rate > 6 tpy	No Deviations	Yes	No
		32859	constructed	32.836476	-104.026316	VOC emission rate > 6 tpy	No Deviations	Yes	No
		32858	constructed	32.836476	-104.026316	VOC emission rate > 6 tpy	No Deviations	Yes	No
4015	Burch Keely Unit 13C Battery	42978	constructed	32.829994	-104.035388	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-13	Mar-14	32.800572	-104.23985	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-13	Mar-14	32.800572	-104.23985	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-13	Mar-14	32.800572	-104.23985	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	XXV48-2	Jan-16	32.595469	-104.459176	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	XXV48-2	Jan-16	32.595469	-104.459176	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	XXV48-2	Jan-16	32.595469	-104.459176	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-20		32.857647	-104.087249	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-20		32.857647	-104.087249	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-20		32.857647	-104.087249	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668689	-104.406391	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668689	-104.406391	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668689	-104.406391	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.66866754	-104.402448	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.66866754	-104.402448	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.66866754	-104.402448	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-019	Nov-14	32.84679589	-103.778911	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-019	Nov-14	32.84679589	-103.778911	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-019	Nov-14	32.84679589	-103.778911	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.836476	-104.026316	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.836476	-104.026316	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.836476	-104.026316	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90013	Mar-14	32.829994	-104.035388	833.33

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		42885	constructed	32.829994	-104.035388	VOC emission rate > 6 tpy	No Deviations	Yes	No
		42979	constructed	32.829994	-104.035388	VOC emission rate > 6 tpy	No Deviations	Yes	No
4016	Burch Keely Unit 18A Battery	34353	constructed	32.836925	-104.016437	VOC emission rate > 6 tpy	No Deviations	Yes	No
		34405	constructed	32.836925	-104.016437	VOC emission rate > 6 tpy	No Deviations	Yes	No
		34407	constructed	32.836925	-104.016437	VOC emission rate > 6 tpy	No Deviations	Yes	No
4017	Burch Keely Unit 23A Battery	2316	constructed	32.814617	-104.038612	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2314	constructed	32.814617	-104.038612	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2317	constructed	32.814617	-104.038612	VOC emission rate > 6 tpy	No Deviations	Yes	No
4019	Cadillac 15 State 4H Battery	2610	constructed	32.832196	-104.065739	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2612	constructed	32.832196	-104.065739	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2617	constructed	32.832196	-104.065739	VOC emission rate > 6 tpy	No Deviations	Yes	No
4021	Carmen 3 Federal 1H Battery	36853	constructed	32.864693	-103.967182	VOC emission rate > 6 tpy	No Deviations	Yes	No
		36775	constructed	32.864693	-103.967182	VOC emission rate > 6 tpy	No Deviations	Yes	No
		36773	constructed	32.864693	-103.967182	VOC emission rate > 6 tpy	No Deviations	Yes	No
4024	Clydesdale 1 Fee 6H Battery	25917	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25920	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22479	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22496	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20465	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20467	constructed	32.685909	-104.43014	VOC emission rate > 6 tpy	No Deviations	Yes	No
4032	Dodd Federal Unit 10B Battery	33928	constructed	32.843214	-104.054912	VOC emission rate > 6 tpy	No Deviations	Yes	No
		33927	constructed	32.843214	-104.054912	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90013	Mar-14	32.829994	-104.035388	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90013	Mar-14	32.829994	-104.035388	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-006	2014	32.836925	-104.016437	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-006	2014	32.836925	-104.016437	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-006	2014	32.836925	-104.016437	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-015	2014	32.814617	-104.038612	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-015	2014	32.814617	-104.038612	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-015	2014	32.814617	-104.038612	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20017-001	Mar-14	32.832196	-104.065739	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20017-001	Mar-14	32.832196	-104.065739	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20017-001	Mar-14	32.832196	-104.065739	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-10	Jan-15	32.864693	-103.967182	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-10	Jan-15	32.864693	-103.967182	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-10	Jan-15	32.864693	-103.967182	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.685909	-104.43014	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-029	Nov-14	32.843214	-104.054912	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-029	Nov-14	32.843214	-104.054912	833.33

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		33917	constructed	32.843214	-104.054912	VOC emission rate > 6 tpy	No Deviations	Yes	No
4033	Dodd Federal Unit 14A Battery	2447	constructed	32.832102	-104.043157	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2425	constructed	32.832102	-104.043157	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2424	constructed	32.832102	-104.043157	VOC emission rate > 6 tpy	No Deviations	Yes	No
4034	Dodd Federal Unit 15A Battery	31426	constructed	32.827916	-104.057654	VOC emission rate > 6 tpy	No Deviations	Yes	No
		31424	constructed	32.827916	-104.057654	VOC emission rate > 6 tpy	No Deviations	Yes	No
		31533	constructed	32.827916	-104.057654	VOC emission rate > 6 tpy	No Deviations	Yes	No
4038	Electra Federal 33 (North) Battery	10938	constructed	32.85321	-103.95901	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22032	constructed	32.85321	-103.95901	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2068	constructed	32.85321	-103.95901	VOC emission rate > 6 tpy	No Deviations	Yes	No
4040	Flat Head Fed Com 27H Battery	FH15-01	constructed	32.83879	-103.73177	VOC emission rate > 6 tpy	No Deviations	Yes	No
		FH15-02	constructed	32.83879	-103.73177	VOC emission rate > 6 tpy	No Deviations	Yes	No
		FH15-03	constructed	32.83879	-103.73177	VOC emission rate > 6 tpy	No Deviations	Yes	No
		FH15-04	constructed	32.83879	-103.73177	VOC emission rate > 6 tpy	No Deviations	Yes	No
4041	Flat Head Fed Com 6H Battery	2636	constructed	32.839087	-103.733742	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2724	constructed	32.839087	-103.733742	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2728	constructed	32.839087	-103.733742	VOC emission rate > 6 tpy	No Deviations	Yes	No
4047	Halberd 2 State 3H Battery	3043	constructed	32.807406	-104.155186	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3050	constructed	32.807406	-104.155186	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3052	constructed	32.807406	-104.155186	VOC emission rate > 6 tpy	No Deviations	Yes	No
4050	Ivar the Boneless Federal 11H Battery	3208	constructed	32.827477	-103.761688	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3206	constructed	32.827477	-103.761688	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-029	Nov-14	32.843214	-104.054912	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-012	Mar-14	32.832102	-104.043157	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-012	Mar-14	32.832102	-104.043157	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-012	Mar-14	32.832102	-104.043157	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.827916	-104.057654	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.827916	-104.057654	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.827916	-104.057654	
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.85321	-103.95901	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.85321	-103.95901	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.85321	-103.95901	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.83879	-103.73177	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.83879	-103.73177	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.83879	-103.73177	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.83879	-103.73177	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-003	Mar-14	32.839087	-103.733742	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-003	Mar-14	32.839087	-103.733742	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-003	Mar-14	32.839087	-103.733742	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-18	Jan-15	32.807406	-104.155186	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-18	Jan-15	32.807406	-104.155186	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50126-18	Jan-15	32.807406	-104.155186	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-002	Jul-15	32.827477	-103.761688	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-002	Jul-15	32.827477	-103.761688	833.33

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		3207	constructed	32.827477	-103.761688	VOC emission rate > 6 tpy	No Deviations	Yes	No
4060	McIntyre DK Fed 15 Batterry	40175	constructed	32.827713	-103.944301	VOC emission rate > 6 tpy	No Deviations	Yes	No
		40251	constructed	32.827713	-103.944301	VOC emission rate > 6 tpy	No Deviations	Yes	No
		40295	constructed	32.827713	-103.944301	VOC emission rate > 6 tpy	No Deviations	Yes	No
4065	Newcastle 6 Fed Com 7H Battery	2969	constructed	32.858891	-104.019389	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2959	constructed	32.858891	-104.019389	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2972	constructed	32.858891	-104.019389	VOC emission rate > 6 tpy	No Deviations	Yes	No
4066	Pan Head Fee 13H Battery	1536	constructed	32.855599	-103.73968	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1534	constructed	32.855599	-103.73968	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1533	constructed	32.855599	-103.73968	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1535	constructed	32.855599	-103.73968	VOC emission rate > 6 tpy	No Deviations	Yes	No
4067	Pan Head Fee 6H Battery	23147	constructed	32.855017	-103.738001	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2590	constructed	32.855017	-103.738001	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2586	constructed	32.855017	-103.738001	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2589	constructed	32.855017	-103.738001	VOC emission rate > 6 tpy	No Deviations	Yes	No
4069	Pilum 15 Fee 2H Battery	2986	constructed	32.742279	-104.384769	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2995	constructed	32.742279	-104.384769	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2997	constructed	32.742279	-104.384769	VOC emission rate > 6 tpy	No Deviations	Yes	No
4070	Pinto 36 State Com 1H Battery	37744	constructed	32.697506	-104.445256	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37723	constructed	32.697506	-104.445256	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37749	constructed	32.697506	-104.445256	VOC emission rate > 6 tpy	No Deviations	Yes	No
4071	Pinto 36 State Com 4H Batttery	37210	constructed	32.69722	-104.432441	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-002	Jul-15	32.827477	-103.761688	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-002	Nov-14	32.827713	-103.944301	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-002	Nov-14	32.827713	-103.944301	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-002	Nov-14	32.827713	-103.944301	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-024	Nov-14	32.858891	-104.019389	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-024	Nov-14	32.858891	-104.019389	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-024	Nov-14	32.858891	-104.019389	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.855599	-103.73968	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.855599	-103.73968	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.855599	-103.73968	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Unknown	32.855599	-103.73968	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Unknown	32.855017	-103.738001	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Unknown	32.855017	-103.738001	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Unknown	32.855017	-103.738001	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Unknown	32.855017	-103.738001	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-017	Nov-14	32.742279	-104.384769	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-017	Nov-14	32.742279	-104.384769	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-017	Nov-14	32.742279	-104.384769	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697506	-104.445256	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697506	-104.445256	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697506	-104.445256	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.69722	-104.432441	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		37208	constructed	32.69722	-104.432441	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37209	constructed	32.69722	-104.432441	VOC emission rate > 6 tpy	No Deviations	Yes	No
4073	Puckett 13 Fed Com 35H Battery	2633	constructed	32.82823	-103.821846	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2650	constructed	32.82823	-103.821846	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2632	constructed	32.82823	-103.821846	VOC emission rate > 6 tpy	No Deviations	Yes	No
4074	Puckett 13 Fed Com 8H Battery	38888	constructed	32.842806	-103.816294	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37652	constructed	32.842806	-103.816294	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37651	constructed	32.842806	-103.816294	VOC emission rate > 6 tpy	No Deviations	Yes	No
		37623	constructed	32.842806	-103.816294	VOC emission rate > 6 tpy	No Deviations	Yes	No
4077	Ragnar Federal Battery	22495	constructed	32.827008	-102.75289	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20362	constructed	32.827008	-102.75289	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23149	constructed	32.827008	-102.75289	VOC emission rate > 6 tpy	No Deviations	Yes	No
4082	Sam Adams 12 Fed Com 8H Battery	45941	constructed	32.85019	-104.036519	VOC emission rate > 6 tpy	No Deviations	Yes	No
		45946	constructed	32.85019	-104.036519	VOC emission rate > 6 tpy	No Deviations	Yes	No
		45938	constructed	32.85019	-104.036519	VOC emission rate > 6 tpy	No Deviations	Yes	No
4085	Sherman 4 Fee 6H Battery	1303	constructed	32.683413	-104.388106	VOC emission rate > 6 tpy	No Deviations	Yes	No
		501	constructed	32.683413	-104.388106	VOC emission rate > 6 tpy	No Deviations	Yes	No
		520	constructed	32.683413	-104.388106	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39970	constructed	32.683413	-104.388106	VOC emission rate > 6 tpy	No Deviations	Yes	No
4086	Shiner Bock 1 Fed Com 8H Battery	2591	constructed	32.85881	-103.831099	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2585	constructed	32.85881	-103.831099	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2642	constructed	32.85881	-103.831099	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.69722	-104.432441	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.69722	-104.432441	
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Mar-14	32.82823	-103.821846	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Mar-14	32.82823	-103.821846	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20		Mar-14	32.82823	-103.821846	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20131-019	Nov-14	32.842806	-103.816294	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20131-019	Nov-14	32.842806	-103.816294	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20131-019	Nov-14	32.842806	-103.816294	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20131-019	Nov-14	32.842806	-103.816294	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	VXV-69	May-16	32.827008	-102.75289	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	VXV-69	May-16	32.827008	-102.75289	1050
Not Applicable	Not Applicable	Not Applicable	Edge	XXV	VXV-69	May-16	32.827008	-102.75289	1050
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-025	Nov-14	32.85019	-104.036519	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-025	Nov-14	32.85019	-104.036519	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-025	Nov-14	32.85019	-104.036519	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.683413	-104.388106	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.683413	-104.388106	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.683413	-104.388106	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.683413	-104.388106	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-044	Mar-14	32.85881	-103.831099	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-044	Mar-14	32.85881	-103.831099	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	90017-044	Mar-14	32.85881	-103.831099	833.33

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4088	Skelly Unit 942 Battery	22793	constructed	32.824562	-103.855662	VOC emission rate > 6 tpy	No Deviations	Yes	No
		18791	constructed	32.824562	-103.855662	VOC emission rate > 6 tpy	No Deviations	Yes	No
		18754	constructed	32.824562	-103.855662	VOC emission rate > 6 tpy	No Deviations	Yes	No
		17650	constructed	32.824562	-103.855662	VOC emission rate > 6 tpy	No Deviations	Yes	No
4092	Sneed 9 Fed Com 2H Batttery	2628	constructed	32.853326	-103.779446	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2626	constructed	32.853326	-103.779446	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2630	constructed	32.853326	-103.779446	VOC emission rate > 6 tpy	No Deviations	Yes	No
4096	Stonewall 9 Fee 1H Battery	42724	constructed	32.668949	-104.393751	VOC emission rate > 6 tpy	No Deviations	Yes	No
		42725	constructed	32.668949	-104.393751	VOC emission rate > 6 tpy	No Deviations	Yes	No
		42640	constructed	32.668949	-104.393751	VOC emission rate > 6 tpy	No Deviations	Yes	No
4097	Stonewall 9 Fee 8H Battery	3181	constructed	32.668677	-104.379363	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3167	constructed	32.668677	-104.379363	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3173	constructed	32.668677	-104.379363	VOC emission rate > 6 tpy	No Deviations	Yes	No
4101	Tarpan 33 Fee 4H Battery	3196	constructed	32.697504	-104.387764	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3220	constructed	32.697504	-104.387764	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3194	constructed	32.697504	-104.387764	VOC emission rate > 6 tpy	No Deviations	Yes	No
4001	Admiral Fed Com 2H Battery	11999	constructed	32.094259	-103.986811	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11996	constructed	32.094259	-103.986811	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11997	constructed	32.094259	-103.986811	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12001	constructed	32.094259	-103.986811	VOC emission rate > 6 tpy	No Deviations	Yes	No
4002	Azores Federal 3H Battery	21941	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15939	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.824562	-103.855662	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.824562	-103.855662	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.824562	-103.855662	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.824562	-103.855662	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Mar-14	32.853326	-103.779446	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Mar-14	32.853326	-103.779446	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Mar-14	32.853326	-103.779446	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668949	-104.393751	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668949	-104.393751	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.668949	-104.393751	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Jul-15	32.668677	-104.379363	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Jul-15	32.668677	-104.379363	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	50361-001	Jul-15	32.668677	-104.379363	833.33
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697504	-104.387764	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697504	-104.387764	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.697504	-104.387764	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-114	Apr-16	32.094259	-103.986811	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-114	Apr-16	32.094259	-103.986811	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-114	Apr-16	32.094259	-103.986811	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-114	Apr-16	32.094259	-103.986811	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		15928	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15926	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21928	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21950	constructed	32.181984	-103.698784	VOC emission rate > 6 tpy	No Deviations	Yes	No
4003	Banter State Com 4H Battery	3235	constructed	32.311425	-103.428763	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3234	constructed	32.311425	-103.428763	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3232	constructed	32.311425	-103.428763	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3231	constructed	32.311425	-103.428763	VOC emission rate > 6 tpy	No Deviations	Yes	No
4005	Blue Jay Federal 1H Battery	1493	constructed	32.566437	-103.495571	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1495	constructed	32.566437	-103.495571	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1512	constructed	32.566437	-103.495571	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1494	constructed	32.566437	-103.495571	VOC emission rate > 6 tpy	No Deviations	Yes	No
4007	Boone 16 State Com 2H Battery	21334	constructed	32.472336	-103.575126	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21339	constructed	32.472336	-103.575126	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21333	constructed	32.472336	-103.575126	VOC emission rate > 6 tpy	No Deviations	Yes	No
4012	Broadcaster 29 Federal 3H Battery	45007	constructed	32.281982	-103.489914	VOC emission rate > 6 tpy	No Deviations	Yes	No
		45008	constructed	32.281982	-103.489914	VOC emission rate > 6 tpy	No Deviations	Yes	No
		45009	constructed	32.281982	-103.489914	VOC emission rate > 6 tpy	No Deviations	Yes	No
		45010	constructed	32.281982	-103.489914	VOC emission rate > 6 tpy	No Deviations	Yes	No
4013	Bultaco State 1H Battery	24065	constructed	32.341496	-103.724036	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24059	constructed	32.341496	-103.724036	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24044	constructed	32.341496	-103.724036	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-16	32.181984	-103.698784	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-15	32.311425	-103.428763	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-15	32.311425	-103.428763	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-15	32.311425	-103.428763	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-15	32.311425	-103.428763	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-117	Apr-16	32.566437	-103.495571	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-117	Apr-16	32.566437	-103.495571	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-117	Apr-16	32.566437	-103.495571	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-117	Apr-16	32.566437	-103.495571	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-153	Sep-16	32.472336	-103.575126	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-153	Sep-16	32.472336	-103.575126	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-153	Sep-16	32.472336	-103.575126	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-240	Jul-15	32.281982	-103.489914	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-240	Jul-15	32.281982	-103.489914	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-240	Jul-15	32.281982	-103.489914	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-240	Jul-15	32.281982	-103.489914	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146	Mar-15	32.341496	-103.724036	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146	Mar-15	32.341496	-103.724036	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146	Mar-15	32.341496	-103.724036	4200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		24063	constructed	32.341496	-103.724036	VOC emission rate > 6 tpy	No Deviations	Yes	No
4022	CCAP State Com 6H Battery	25268	constructed	32.395753	-104.187476	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25266	constructed	32.395753	-104.187476	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25269	constructed	32.395753	-104.187476	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25267	constructed	32.395753	-104.187476	VOC emission rate > 6 tpy	No Deviations	Yes	No
4018	Cabo Blanco State Battery	21833	constructed	32.252735	-103.592986	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21035	constructed	32.252735	-103.592986	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21019	constructed	32.252735	-103.592986	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21024	constructed	32.252735	-103.592986	VOC emission rate > 6 tpy	No Deviations	Yes	No
4020	Cali Roll 24 Fed Com 2H Battery	11887	constructed	32.033976	-104.342620	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11893	constructed	32.033976	-104.342620	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11884	constructed	32.033976	-104.342620	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11888	constructed	32.033976	-104.342620	VOC emission rate > 6 tpy	No Deviations	Yes	No
4023	Chopper State Com 3H Battery	13047	constructed	32.253751	-104.147304	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13041	constructed	32.253751	-104.147304	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13033	constructed	32.253751	-104.147304	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12946	constructed	32.253751	-104.147304	VOC emission rate > 6 tpy	No Deviations	Yes	No
4025	Columbus Fee 2H Battery	1685	constructed	32.093685	-103.559125	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1686	constructed	32.093685	-103.559125	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1687	constructed	32.093685	-103.559125	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1688	constructed	32.093685	-103.559125	VOC emission rate > 6 tpy	No Deviations	Yes	No
4026	Cookie Tosser State Com 1H Battery	11149	constructed	32.752846	-103.969951	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146	Mar-15	32.341496	-103.724036	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-035-2	Jun-15	32.395753	-104.187476	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-035-2	Jun-15	32.395753	-104.187476	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-035-2	Jun-15	32.395753	-104.187476	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-035-2	Jun-15	32.395753	-104.187476	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-14	32.252735	-103.592986	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-14	32.252735	-103.592986	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-14	32.252735	-103.592986	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073	Jun-14	32.252735	-103.592986	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-999	Feb-16	32.033976	-104.342620	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-999	Feb-16	32.033976	-104.342620	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-999	Feb-16	32.033976	-104.342620	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-999	Feb-16	32.033976	-104.342620	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-121	May-16	32.253751	-104.147304	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-121	May-16	32.253751	-104.147304	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-121	May-16	32.253751	-104.147304	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-121	May-16	32.253751	-104.147304	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-158	Sep-16	32.093685	-103.559125	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-158	Sep-16	32.093685	-103.559125	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-158	Sep-16	32.093685	-103.559125	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-158	Sep-16	32.093685	-103.559125	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV93	Feb-16	32.752846	-103.969951	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		11561	constructed	32.752846	-103.969951	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11148	constructed	32.752846	-103.969951	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11560	constructed	32.752846	-103.969951	VOC emission rate > 6 tpy	No Deviations	Yes	No
4027	Cookie Tosser State Com 2H Battery	11150	constructed	32.752597	-103.970491	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11159	constructed	32.752597	-103.970491	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11563	constructed	32.752597	-103.970491	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11567	constructed	32.752597	-103.970491	VOC emission rate > 6 tpy	No Deviations	Yes	No
4028	Copperhead 31 Fed Com 3H Battery	1722	constructed	31.956511	-104.097306	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1767	constructed	31.956511	-104.097306	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1764	constructed	31.956511	-104.097306	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1738	constructed	31.956511	-104.097306	VOC emission rate > 6 tpy	No Deviations	Yes	No
4029	Cottonmouth 23 Fed Com 2H Battery	11894	constructed	32.034363	-104.067521	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11886	constructed	32.034363	-104.067521	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11890	constructed	32.034363	-104.067521	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11891	constructed	32.034363	-104.067521	VOC emission rate > 6 tpy	No Deviations	Yes	No
4030	Crapshoot Fed 2H Battery	3175	constructed	32.565262	-104.022926	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3183	constructed	32.565262	-104.022926	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3182	constructed	32.565262	-104.022926	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3174	constructed	32.565262	-104.022926	VOC emission rate > 6 tpy	No Deviations	Yes	No
4031	Diamondback 22 State Com 5H Battery	24892	constructed	32.035040	-104.070106	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24893	constructed	32.035040	-104.070106	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24891	constructed	32.035040	-104.070106	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV93	Feb-16	32.752846	-103.969951	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV93	Feb-16	32.752846	-103.969951	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV93	Feb-16	32.752846	-103.969951	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-138	Jun-16	32.752597	-103.970491	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-138	Jun-16	32.752597	-103.970491	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-138	Jun-16	32.752597	-103.970491	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-138	Jun-16	32.752597	-103.970491	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	DCXV-96	Feb-15	31.956511	-104.097306	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	DCXV-96	Feb-15	31.956511	-104.097306	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	DCXV-96	Feb-15	31.956511	-104.097306	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	DCXV-96	Feb-15	31.956511	-104.097306	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV050-2	Feb-16	32.034363	-104.067521	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV050-2	Feb-16	32.034363	-104.067521	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV050-2	Feb-16	32.034363	-104.067521	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV050-2	Feb-16	32.034363	-104.067521	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV003-2	Jun-15	32.565262	-104.022926	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV003-2	Jun-15	32.565262	-104.022926	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV003-2	Jun-15	32.565262	-104.022926	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV003-2	Jun-15	32.565262	-104.022926	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20150	Mar-15	32.035040	-104.070106	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20150	Mar-15	32.035040	-104.070106	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20150	Mar-15	32.035040	-104.070106	4200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		24890	constructed	32.035040	-104.070106	VOC emission rate > 6 tpy	No Deviations	Yes	No
4035	Eata Fajita State 9H & 10H Battery	21238	constructed	32.226327	-103.591804	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21244	constructed	32.226327	-103.591804	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21243	constructed	32.226327	-103.591804	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21329	constructed	32.226327	-103.591804	VOC emission rate > 6 tpy	No Deviations	Yes	No
4036	Eata Fajita State Com 6H Battery	21327	constructed	32.226293	-103.591082	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20815	constructed	32.226293	-103.591082	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20812	constructed	32.226293	-103.591082	VOC emission rate > 6 tpy	No Deviations	Yes	No
		20814	constructed	32.226293	-103.591082	VOC emission rate > 6 tpy	No Deviations	Yes	No
4037	Eider Federal 2H Battery	11666	constructed	32.167598	-103.642742	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11892	constructed	32.167598	-103.642742	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11662	constructed	32.167598	-103.642742	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11672	constructed	32.167598	-103.642742	VOC emission rate > 6 tpy	No Deviations	Yes	No
4039	Fascinator Fee Com 2H Battery	1485	constructed	32.161501	-103.404443	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1517	constructed	32.161501	-103.404443	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1514	constructed	32.161501	-103.404443	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1488	constructed	32.161501	-103.404443	VOC emission rate > 6 tpy	No Deviations	Yes	No
4042	Geronimo Fed Com 11H Battery	12959	constructed	32.640162	-103.709316	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13001	constructed	32.640162	-103.709316	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13002	constructed	32.640162	-103.709316	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12938	constructed	32.640162	-103.709316	VOC emission rate > 6 tpy	No Deviations	Yes	No
4043	Glacier Fed Com 1H Battery	25525	constructed	32.034294	-104.342952	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20150	Mar-15	32.035040	-104.070106	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013.17	Oct-14	32.226327	-103.591804	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013.17	Oct-14	32.226327	-103.591804	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013.17	Oct-14	32.226327	-103.591804	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013.17	Oct-14	32.226327	-103.591804	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-97	Jan-14	32.226293	-103.591082	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-97	Jan-14	32.226293	-103.591082	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-97	Jan-14	32.226293	-103.591082	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-97	Jan-14	32.226293	-103.591082	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-130	Feb-16	32.167598	-103.642742	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-130	Feb-16	32.167598	-103.642742	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-130	Feb-16	32.167598	-103.642742	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-130	Feb-16	32.167598	-103.642742	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-13011	Jun-16	32.161501	-103.404443	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-13011	Jun-16	32.161501	-103.404443	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-13011	Jun-16	32.161501	-103.404443	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-13011	Jun-16	32.161501	-103.404443	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-226	Mar-17	32.640162	-103.709316	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-226	Mar-17	32.640162	-103.709316	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-226	Mar-17	32.640162	-103.709316	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-226	Mar-17	32.640162	-103.709316	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-16	32.034294	-104.342952	4200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		25621	constructed	32.034294	-104.342952	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25620	constructed	32.034294	-104.342952	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25619	constructed	32.034294	-104.342952	VOC emission rate > 6 tpy	No Deviations	Yes	No
4044	Goose State 1H Battery	21364	constructed	32.536635	-103.584876	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21370	constructed	32.536635	-103.584876	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21365	constructed	32.536635	-103.584876	VOC emission rate > 6 tpy	No Deviations	Yes	No
4045	Graham Nash Fed Com 7H Battery	GN7-01	constructed	32.020888	-104.100018	VOC emission rate > 6 tpy	No Deviations	Yes	No
		GN7-02	constructed	32.020888	-104.100018	VOC emission rate > 6 tpy	No Deviations	Yes	No
		GN7-03	constructed	32.020888	-104.100018	VOC emission rate > 6 tpy	No Deviations	Yes	No
		GN7-04	constructed	32.020888	-104.100018	VOC emission rate > 6 tpy	No Deviations	Yes	No
4046	Gunner 8 Fed 6H & 7H Battery	3227	constructed	32.050941	-103.492325	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3211	constructed	32.050941	-103.492325	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3223	constructed	32.050941	-103.492325	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3210	constructed	32.050941	-103.492325	VOC emission rate > 6 tpy	No Deviations	Yes	No
4048	Horned Owl Federal 3H Battery	24512	constructed	32.020059	-104.243207	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24513	constructed	32.020059	-104.243207	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24511	constructed	32.020059	-104.243207	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24500	constructed	32.020059	-104.243207	VOC emission rate > 6 tpy	No Deviations	Yes	No
4049	Ice Dancer 30 Fed Com 2H Battery	46669	constructed	32.266805	-103.913523	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46673	constructed	32.266805	-103.913523	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46672	constructed	32.266805	-103.913523	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46674	constructed	32.266805	-103.913523	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-16	32.034294	-104.342952	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-16	32.034294	-104.342952	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50146.01	Mar-16	32.034294	-104.342952	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015025	Dec-16	32.536635	-103.584876	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015025	Dec-16	32.536635	-103.584876	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015025	Dec-16	32.536635	-103.584876	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Apr-17	32.020888	-104.100018	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Apr-17	32.020888	-104.100018	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Apr-17	32.020888	-104.100018	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Apr-17	32.020888	-104.100018	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-075-2	Aug-15	32.050941	-103.492325	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-075-2	Aug-15	32.050941	-103.492325	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-075-2	Aug-15	32.050941	-103.492325	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-075-2	Aug-15	32.050941	-103.492325	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20152.01	Nov-14	32.020059	-104.243207	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20152.01	Nov-14	32.020059	-104.243207	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20152.01	Nov-14	32.020059	-104.243207	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20152.01	Nov-14	32.020059	-104.243207	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-87	Jan-16	32.266805	-103.913523	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-87	Jan-16	32.266805	-103.913523	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-87	Jan-16	32.266805	-103.913523	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-87	Jan-16	32.266805	-103.913523	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4051	King Air 8 Fed Com 3H Battery	12220	constructed	32.666599	-103.790626	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12224	constructed	32.666599	-103.790626	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12211	constructed	32.666599	-103.790626	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12213	constructed	32.666599	-103.790626	VOC emission rate > 6 tpy	No Deviations	Yes	No
4052	Lajitas BWQ State Com 1H Battery	12017	constructed	32.713669	-104.146179	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12016	constructed	32.713669	-104.146179	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12018	constructed	32.713669	-104.146179	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12019	constructed	32.713669	-104.146179	VOC emission rate > 6 tpy	No Deviations	Yes	No
4053	Lusk Deep Unit A 23H Battery	17133	constructed	32.639328	-103.798448	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22191	constructed	32.639328	-103.798448	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22180	constructed	32.639328	-103.798448	VOC emission rate > 6 tpy	No Deviations	Yes	No
4054	Lusk Deep Unit A 25H Battery	17099	constructed	32.648756	-103.795436	VOC emission rate > 6 tpy	No Deviations	Yes	No
		17093	constructed	32.648756	-103.795436	VOC emission rate > 6 tpy	No Deviations	Yes	No
		17096	constructed	32.648756	-103.795436	VOC emission rate > 6 tpy	No Deviations	Yes	No
4055	Lychee BWS State Com 1H Battery	12014	constructed	32.457695	-103.456056	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12013	constructed	32.457695	-103.456056	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1295	constructed	32.457695	-103.456056	VOC emission rate > 6 tpy	No Deviations	Yes	No
4056	Macho Nacho State Com 10H Battery	25533	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25526	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25538	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25221	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25223	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-168	Oct-16	32.666599	-103.790626	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-168	Oct-16	32.666599	-103.790626	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-168	Oct-16	32.666599	-103.790626	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-168	Oct-16	32.666599	-103.790626	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-136	Jun-16	32.713669	-104.146179	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-136	Jun-16	32.713669	-104.146179	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-136	Jun-16	32.713669	-104.146179	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-136	Jun-16	32.713669	-104.146179	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-89	Feb-16	32.639328	-103.798448	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-89	Feb-16	32.639328	-103.798448	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-89	Feb-16	32.639328	-103.798448	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-16	32.648756	-103.795436	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-16	32.648756	-103.795436	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-16	32.648756	-103.795436	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-16	32.457695	-103.456056	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-16	32.457695	-103.456056	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-16	32.457695	-103.456056	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		25233	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
		25224	constructed	32.225691	-103.617992	VOC emission rate > 6 tpy	No Deviations	Yes	No
4057	Man State 2H Battery	3115	constructed	32.703298	-104.205739	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3113	constructed	32.703298	-104.205739	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3116	constructed	32.703298	-104.205739	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3117	constructed	32.703298	-104.205739	VOC emission rate > 6 tpy	No Deviations	Yes	No
4058	Mas Federal 3H Battery	12210	constructed	32.535675	-103.547999	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12205	constructed	32.535675	-103.547999	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12212	constructed	32.535675	-103.547999	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12209	constructed	32.535675	-103.547999	VOC emission rate > 6 tpy	No Deviations	Yes	No
4059	Mastiff Federal 3H Battery	11656	constructed	32.253302	-103.681383	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11152	constructed	32.253302	-103.681383	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11657	constructed	32.253302	-103.681383	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11565	constructed	32.253302	-103.681383	VOC emission rate > 6 tpy	No Deviations	Yes	No
4061	Monet Federal 3H Battery	11898	constructed	32.165987	-103.578595	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11896	constructed	32.165987	-103.578595	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11889	constructed	32.165987	-103.578595	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11885	constructed	32.165987	-103.578595	VOC emission rate > 6 tpy	No Deviations	Yes	No
4062	Music Master 27 Fed 3H Battery	12204	constructed	32.107688	-103.354129	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12203	constructed	32.107688	-103.354129	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12208	constructed	32.107688	-103.354129	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12216	constructed	32.107688	-103.354129	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		May-14	32.225691	-103.617992	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-021-12	May-15	32.703298	-104.205739	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-021-12	May-15	32.703298	-104.205739	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-021-12	May-15	32.703298	-104.205739	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-021-12	May-15	32.703298	-104.205739	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-169	Oct-16	32.535675	-103.547999	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-169	Oct-16	32.535675	-103.547999	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-169	Oct-16	32.535675	-103.547999	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-169	Oct-16	32.535675	-103.547999	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50145.01	Mar-15	32.253302	-103.681383	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50145.01	Mar-15	32.253302	-103.681383	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50145.01	Mar-15	32.253302	-103.681383	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50145.01	Mar-15	32.253302	-103.681383	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-102	Feb-16	32.165987	-103.578595	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-102	Feb-16	32.165987	-103.578595	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-102	Feb-16	32.165987	-103.578595	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-102	Feb-16	32.165987	-103.578595	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-209	Jan-17	32.107688	-103.354129	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-209	Jan-17	32.107688	-103.354129	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-209	Jan-17	32.107688	-103.354129	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-209	Jan-17	32.107688	-103.354129	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4063	Myox 5 State Com 22H Battery	12200	constructed	32.064808	-104.108518	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12202	constructed	32.064808	-104.108518	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12201	constructed	32.064808	-104.108518	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12027	constructed	32.064808	-104.108518	VOC emission rate > 6 tpy	No Deviations	Yes	No
4064	Myox 6 State Com 3H Battery	23090	constructed	32.078064	-104.128818	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23105	constructed	32.078064	-104.128818	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23106	constructed	32.078064	-104.128818	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23091	constructed	32.078064	-104.128818	VOC emission rate > 6 tpy	No Deviations	Yes	No
4068	Patron 23 Fed 4H Battery	1388	constructed	32.121871	-103.948526	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1391	constructed	32.121871	-103.948526	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1393	constructed	32.121871	-103.948526	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1387	constructed	32.121871	-103.948526	VOC emission rate > 6 tpy	No Deviations	Yes	No
4072	Populus Federal 3H Battery	1468	constructed	32.108355	-104.214532	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1466	constructed	32.108355	-104.214532	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1467	constructed	32.108355	-104.214532	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1464	constructed	32.108355	-104.214532	VOC emission rate > 6 tpy	No Deviations	Yes	No
4075	Queso State 1H Battery	22367	constructed	32.254567	-103.627499	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22378	constructed	32.254567	-103.627499	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22371	constructed	32.254567	-103.627499	VOC emission rate > 6 tpy	No Deviations	Yes	No
4076	Queso State 3H & 5H Battery	24699	constructed	32.255436	-103.623249	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24707	constructed	32.255436	-103.623249	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24680	constructed	32.255436	-103.623249	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-157	Sep-16	32.064808	-104.108518	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-157	Sep-16	32.064808	-104.108518	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-157	Sep-16	32.064808	-104.108518	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-157	Sep-16	32.064808	-104.108518	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.02	Jun-14	32.078064	-104.128818	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.02	Jun-14	32.078064	-104.128818	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.02	Jun-14	32.078064	-104.128818	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.02	Jun-14	32.078064	-104.128818	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-061-2	Jul-15	32.121871	-103.948526	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-061-2	Jul-15	32.121871	-103.948526	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-061-2	Jul-15	32.121871	-103.948526	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-061-2	Jul-15	32.121871	-103.948526	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-101	Feb-16	32.108355	-104.214532	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-101	Feb-16	32.108355	-104.214532	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-101	Feb-16	32.108355	-104.214532	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-101	Feb-16	32.108355	-104.214532	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.01	Jun-14	32.254567	-103.627499	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.01	Jun-14	32.254567	-103.627499	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073.01	Jun-14	32.254567	-103.627499	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-161	Sep-16	32.255436	-103.623249	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-161	Sep-16	32.255436	-103.623249	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-161	Sep-16	32.255436	-103.623249	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		24696	constructed	32.255436	-103.623249	VOC emission rate > 6 tpy	No Deviations	Yes	No
4078	Raspberry State 1H Battery	12023	constructed	32.443659	-103.552043	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12021	constructed	32.443659	-103.552043	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12020	constructed	32.443659	-103.552043	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12022	constructed	32.443659	-103.552043	VOC emission rate > 6 tpy	No Deviations	Yes	No
4079	Red Raider BKS State 1 Battery	26463	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
		26464	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
		26419	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1453	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1454	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1452	constructed	32.186756	-103.523865	VOC emission rate > 6 tpy	No Deviations	Yes	No
4080	Resolver Fed Com 2H Battery	1445	constructed	32.326319	-103.629948	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1446	constructed	32.326319	-103.629948	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1442	constructed	32.326319	-103.629948	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1424	constructed	32.326319	-103.629948	VOC emission rate > 6 tpy	No Deviations	Yes	No
4081	Road Runner Fed Com 1H & 11H Battery	RR-01	constructed	32.66957	-103.845832	VOC emission rate > 6 tpy	No Deviations	Yes	No
		RR-02	constructed	32.66957	-103.845832	VOC emission rate > 6 tpy	No Deviations	Yes	No
		RR-03	constructed	32.66957	-103.845832	VOC emission rate > 6 tpy	No Deviations	Yes	No
		RR-04	constructed	32.66957	-103.845832	VOC emission rate > 6 tpy	No Deviations	Yes	No
4082	SL East 30 Fed 2H Battery	1414	constructed	32.640077	-103.799079	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1431	constructed	32.640077	-103.799079	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1434	constructed	32.640077	-103.799079	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-161	Sep-16	32.255436	-103.623249	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV 137	Jun-16	32.443659	-103.552043	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV 137	Jun-16	32.443659	-103.552043	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV 137	Jun-16	32.443659	-103.552043	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV 137	Jun-16	32.443659	-103.552043	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Feb-17	32.186756	-103.523865	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-100	Feb-16	32.326319	-103.629948	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-100	Feb-16	32.326319	-103.629948	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-100	Feb-16	32.326319	-103.629948	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-100	Feb-16	32.326319	-103.629948	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-278	May-17	32.66957	-103.845832	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-278	May-17	32.66957	-103.845832	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-278	May-17	32.66957	-103.845832	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-278	May-17	32.66957	-103.845832	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-94	Feb-16	32.640077	-103.799079	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-94	Feb-16	32.640077	-103.799079	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-94	Feb-16	32.640077	-103.799079	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		1441	constructed	32.640077	-103.799079	VOC emission rate > 6 tpy	No Deviations	Yes	No
4083	Scooter Fed Com 2H Battery	3303	constructed	32.740103	-103.636991	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3305	constructed	32.740103	-103.636991	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3317	constructed	32.740103	-103.636991	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3314	constructed	32.740103	-103.636991	VOC emission rate > 6 tpy	No Deviations	Yes	No
4084	Screech Owl CTB	3152	constructed	32.039121	-104.231917	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3153	constructed	32.039121	-104.231917	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3149	constructed	32.039121	-104.231917	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3156	constructed	32.039121	-104.231917	VOC emission rate > 6 tpy	No Deviations	Yes	No
4087	Sitka BSI State Com 1H Battery	SKA-01	constructed	32.508029	-103.478019	VOC emission rate > 6 tpy	No Deviations	Yes	No
		SKA-02	constructed	32.508029	-103.478019	VOC emission rate > 6 tpy	No Deviations	Yes	No
		SKA-03	constructed	32.508029	-103.478019	VOC emission rate > 6 tpy	No Deviations	Yes	No
		SKA-04	constructed	32.508029	-103.478019	VOC emission rate > 6 tpy	No Deviations	Yes	No
4089	Skull Cap Fed Com 22H Battery	1723	constructed	32.174113	-103.386988	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1719	constructed	32.174113	-103.386988	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1721	constructed	32.174113	-103.386988	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1714	constructed	32.174113	-103.386988	VOC emission rate > 6 tpy	No Deviations	Yes	No
4091	Smalls Federal 1H Battery	11895	constructed	32.356232	-103.468700	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11981	constructed	32.356232	-103.468700	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11130	constructed	32.356232	-103.468700	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11982	constructed	32.356232	-103.468700	VOC emission rate > 6 tpy	No Deviations	Yes	No
4093	Sombrero Fed Com 4H Battery	12937	constructed	32.211533	-103.430969	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-94	Feb-16	32.640077	-103.799079	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		Nov-15	32.740103	-103.636991	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		Nov-15	32.740103	-103.636991	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		Nov-15	32.740103	-103.636991	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100		Nov-15	32.740103	-103.636991	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-039-2	Jun-16	32.039121	-104.231917	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-039-2	Jun-16	32.039121	-104.231917	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-039-2	Iun-16	32.039121	-104.231917	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-039-2	Jun-16	32.039121	-104.231917	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-125	May-16	32.508029	-103.478019	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-125	May-16	32.508029	-103.478019	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-125	May-16	32.508029	-103.478019	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-125	May-16	32.508029	-103.478019	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.174113	-103.386988	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.174113	-103.386988	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.174113	-103.386988	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.174113	-103.386988	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-118	Apr-16	32.356232	-103.468700	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-118	Apr-16	32.356232	-103.468700	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-118	Apr-16	32.356232	-103.468700	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-118	Apr-16	32.356232	-103.468700	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-196		32.211533	-103.430969	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		12934	constructed	32.211533	-103.430969	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12935	constructed	32.211533	-103.430969	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12217	constructed	32.211533	-103.430969	VOC emission rate > 6 tpy	No Deviations	Yes	No
4094	Spruce Goose Fed Com 3H Battery	1659	constructed	32.677035	-103.813296	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1662	constructed	32.677035	-103.813296	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1664	constructed	32.677035	-103.813296	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1666	constructed	32.677035	-103.813296	VOC emission rate > 6 tpy	No Deviations	Yes	No
4095	Stealth Fed Com 4H Battery	1690	constructed	32.654280	-103.782519	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12313	constructed	32.654280	-103.782519	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12207	constructed	32.654280	-103.782519	VOC emission rate > 6 tpy	No Deviations	Yes	No
		91741	constructed	32.654280	-103.782519	VOC emission rate > 6 tpy	No Deviations	Yes	No
4096	Stove Pipe Fed Com 2H Battery	11562	constructed	32.165755	-103.403784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11659	constructed	32.165755	-103.403784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11566	constructed	32.165755	-103.403784	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11660	constructed	32.165755	-103.403784	VOC emission rate > 6 tpy	No Deviations	Yes	No
4099	Stratosphere 36 State Com 3H Battery	46251	constructed	32.536035	-103.507120	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46196	constructed	32.536035	-103.507120	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46208	constructed	32.536035	-103.507120	VOC emission rate > 6 tpy	No Deviations	Yes	No
		46207	constructed	32.536035	-103.507120	VOC emission rate > 6 tpy	No Deviations	Yes	No
4100	Switchback State 21H Battery	12225	constructed	32.225301	-104.170494	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12206	constructed	32.225301	-104.170494	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12214	constructed	32.225301	-104.170494	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-196		32.211533	-103.430969	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-196		32.211533	-103.430969	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-196		32.211533	-103.430969	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-148	Aug-16	32.677035	-103.813296	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-148	Aug-16	32.677035	-103.813296	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-148	Aug-16	32.677035	-103.813296	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-148	Aug-16	32.677035	-103.813296	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-170	Oct-16	32.654280	-103.782519	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-170	Oct-16	32.654280	-103.782519	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-170	Oct-16	32.654280	-103.782519	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-170	Oct-16	32.654280	-103.782519	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-062-2	Jul-15	32.165755	-103.403784	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-062-2	Jul-15	32.165755	-103.403784	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-062-2	Jul-15	32.165755	-103.403784	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-062-2	Jul-15	32.165755	-103.403784	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-051-2	Jun-15	32.536035	-103.507120	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-051-2	Jun-15	32.536035	-103.507120	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-051-2	Jun-15	32.536035	-103.507120	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-051-2	Jun-15	32.536035	-103.507120	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-216		32.225301	-104.170494	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-216		32.225301	-104.170494	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-216		32.225301	-104.170494	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		12218	constructed	32.225301	-104.170494	VOC emission rate > 6 tpy	No Deviations	Yes	No
4102	Tyrell Fee 1H Battery	21172	constructed	32.224113	-103.536336	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21173	constructed	32.224113	-103.536336	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21171	constructed	32.224113	-103.536336	VOC emission rate > 6 tpy	No Deviations	Yes	No
4103	Vast State 2H Battery	1556	constructed	32.036904	-103.586460	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1541	constructed	32.036904	-103.586460	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1565	constructed	32.036904	-103.586460	VOC emission rate > 6 tpy	No Deviations	Yes	No
		1547	constructed	32.036904	-103.586460	VOC emission rate > 6 tpy	No Deviations	Yes	No
4104	Viking Helmet State Com 2H Battery	11991	constructed	32.195486	-103.387496	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11993	constructed	32.195486	-103.387496	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11988	constructed	32.195486	-103.387496	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11987	constructed	32.195486	-103.387496	VOC emission rate > 6 tpy	No Deviations	Yes	No
4105	Warbler State Com 2Y Battery	11663	constructed	32.456571	-103.579279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11667	constructed	32.456571	-103.579279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11665	constructed	32.456571	-103.579279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		11664	constructed	32.456571	-103.579279	VOC emission rate > 6 tpy	No Deviations	Yes	No
4106	West Pearl 36 CTB	10921	constructed	32.623095	-103.521667	VOC emission rate > 6 tpy	No Deviations	Yes	No
		10920	constructed	32.623095	-103.521667	VOC emission rate > 6 tpy	No Deviations	Yes	No
		10826	constructed	32.623095	-103.521667	VOC emission rate > 6 tpy	No Deviations	Yes	No
		10930	constructed	32.623095	-103.521667	VOC emission rate > 6 tpy	No Deviations	Yes	No
4107	Azores Federal 29M CTB	21950	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21928	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-216		32.225301	-104.170494	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015.01	Dec-13	32.224113	-103.536336	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015.01	Dec-13	32.224113	-103.536336	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20015.01	Dec-13	32.224113	-103.536336	4200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.036904	-103.586460	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.036904	-103.586460	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.036904	-103.586460	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.036904	-103.586460	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-112	Mar-16	32.195486	-103.387496	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-112	Mar-16	32.195486	-103.387496	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-112	Mar-16	32.195486	-103.387496	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-112	Mar-16	32.195486	-103.387496	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-91	Feb-16	32.456571	-103.579279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-91	Feb-16	32.456571	-103.579279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-91	Feb-16	32.456571	-103.579279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-91	Feb-16	32.456571	-103.579279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-067-2	Aug-15	32.623095	-103.521667	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-067-2	Aug-15	32.623095	-103.521667	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-067-2	Aug-15	32.623095	-103.521667	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-067-2	Aug-15	32.623095	-103.521667	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		15926	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15928	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15939	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No
		21941	constructed	32.18268	-103.70270	VOC emission rate > 6 tpy	No Deviations	Yes	No
4108	Becknell State Com 3H	22882	constructed	32.50740	-103.59699	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22454	constructed	32.50740	-103.59699	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22453	constructed	32.50740	-103.59699	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22455	constructed	32.50740	-103.59699	VOC emission rate > 6 tpy	No Deviations	Yes	No
4111	Bobwhite 12 State Com 3H	24883	constructed	32.49982	-103.51910	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24882	constructed	32.49982	-103.51910	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24879	constructed	32.49982	-103.51910	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24884	constructed	32.49982	-103.51910	VOC emission rate > 6 tpy	No Deviations	Yes	No
4112	Bobwhite State Com 12A CTB	T-2625	constructed	32.49900	-103.51956	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2622	constructed	32.49900	-103.51956	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2629	constructed	32.49900	-103.51956	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2621	constructed	32.49900	-103.51956	VOC emission rate > 6 tpy	No Deviations	Yes	No
4113	Bone Yard 11 Fee 16H	TBD	constructed	32.60202	-104.45664	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.60202	-104.45664	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.60202	-104.45664	VOC emission rate > 6 tpy	No Deviations	Yes	No
4114	Burch Keely Satellite A and BKU CTB	3005-2	constructed	32.81931	-104.02548	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3005-1	constructed	32.81931	-104.02548	VOC emission rate > 6 tpy	No Deviations	Yes	No
		3007-1	constructed	32.81931	-104.02548	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.18268	-103.70270	
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073-003	2014	32.50740	-103.59699	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073-003	2014	32.50740	-103.59699	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073-003	2014	32.50740	-103.59699	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	20073-003	2014	32.50740	-103.59699	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-037	2014	32.49982	-103.51910	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-037	2014	32.49982	-103.51910	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-037	2014	32.49982	-103.51910	4200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-037	2014	32.49982	-103.51910	4200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.49900	-103.51956	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.49900	-103.51956	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.49900	-103.51956	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.49900	-103.51956	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.60202	-104.45664	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.60202	-104.45664	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.60202	-104.45664	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.81931	-104.02548	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.81931	-104.02548	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.81931	-104.02548	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		14944	constructed	32.81931	-104.02548	VOC emission rate > 6 tpy	No Deviations	Yes	No
4115	Burch Keely Unit 13B	35450	constructed	32.82888	-104.02245	VOC emission rate > 6 tpy	No Deviations	Yes	No
		35453	constructed	32.82888	-104.02245	VOC emission rate > 6 tpy	No Deviations	Yes	No
		35449	constructed	32.82888	-104.02245	VOC emission rate > 6 tpy	No Deviations	Yes	No
4116	Burch Keely Unit 19A	38480	constructed	32.82349	-104.01219	VOC emission rate > 6 tpy	No Deviations	Yes	No
		38451	constructed	32.82349	-104.01219	VOC emission rate > 6 tpy	No Deviations	Yes	No
		38426	constructed	32.82349	-104.01219	VOC emission rate > 6 tpy	No Deviations	Yes	No
4117	Burkett 16 State 1 Battery	39383	constructed	32.83765	-103.87123	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39526	constructed	32.83765	-103.87123	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39529	constructed	32.83765	-103.87123	VOC emission rate > 6 tpy	No Deviations	Yes	No
4118	Caverns Federal Com 4H Battery	13199	constructed	32.03400	-104.40814	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13198	constructed	32.03400	-104.40814	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13185	constructed	32.03400	-104.40814	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13208	constructed	32.03400	-104.40814	VOC emission rate > 6 tpy	No Deviations	Yes	No
4119	Collier State Battery	TBD	constructed	32.82037	-104.16278	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.82037	-104.16278	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.82037	-104.16278	VOC emission rate > 6 tpy	No Deviations	Yes	No
4122	Columbus Federal CTB	12939	constructed	32.09249	-103.55568	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13004	constructed	32.09249	-103.55568	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13000	constructed	32.09249	-103.55568	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13003	constructed	32.09249	-103.55568	VOC emission rate > 6 tpy	No Deviations	Yes	No
4124	Columbus Fee CTB	26501	constructed	32.09251	-103.55617	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.81931	-104.02548	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-02	2014	32.82888	-104.02245	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-02	2014	32.82888	-104.02245	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-02	2014	32.82888	-104.02245	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-028	2014	32.82349	-104.01219	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-028	2014	32.82349	-104.01219	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-028	2014	32.82349	-104.01219	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-036	2014	32.83765	-103.87123	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-036	2014	32.83765	-103.87123	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-036	2014	32.83765	-103.87123	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-263	Jul-17	32.03400	-104.40814	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-263	Jul-17	32.03400	-104.40814	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-263	Jul-17	32.03400	-104.40814	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-263	Jul-17	32.03400	-104.40814	5200
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Jul-17	32.82037	-104.16278	1041.667
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Jul-17	32.82037	-104.16278	1041.667
Not Applicable	Not Applicable	Not Applicable	Edge	XXV		Jul-17	32.82037	-104.16278	1041.667
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09249	-103.55568	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09249	-103.55568	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09249	-103.55568	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09249	-103.55568	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09251	-103.55617	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		26493	constructed	32.09251	-103.55617	VOC emission rate > 6 tpy	No Deviations	Yes	No
		26494	constructed	32.09251	-103.55617	VOC emission rate > 6 tpy	No Deviations	Yes	No
		26500	constructed	32.09251	-103.55617	VOC emission rate > 6 tpy	No Deviations	Yes	No
4126	Coonskin Fee 28C CTB	T-2223	constructed	32.19391	-103.37451	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2249	constructed	32.19391	-103.37451	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2254	constructed	32.19391	-103.37451	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2251	constructed	32.19391	-103.37451	VOC emission rate > 6 tpy	No Deviations	Yes	No
4128	Copperhead 31 Fee 20H Battery	5-17-157-018	constructed	32.00199	-104.02990	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-013	constructed	32.00199	-104.02990	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-015	constructed	32.00199	-104.02990	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-014	constructed	32.00199	-104.02990	VOC emission rate > 6 tpy	No Deviations	Yes	No
4129	Copperhead Fee A 3H 4H Battery	24688	constructed	32.00097	-104.02921	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24695	constructed	32.00097	-104.02921	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24685	constructed	32.00097	-104.02921	VOC emission rate > 6 tpy	No Deviations	Yes	No
		24690	constructed	32.00097	-104.02921	VOC emission rate > 6 tpy	No Deviations	Yes	No
4131	Coronado 35 Federal Battery	ER1390	constructed	32.09365	-103.34261	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1389	constructed	32.09365	-103.34261	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1392	constructed	32.09365	-103.34261	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1391	constructed	32.09365	-103.34261	VOC emission rate > 6 tpy	No Deviations	Yes	No
4132	Craig Federal 36M CTB	T-2182	constructed	32.07966	-104.25344	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2181	constructed	32.07966	-104.25344	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2188	constructed	32.07966	-104.25344	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09251	-103.55617	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09251	-103.55617	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09251	-103.55617	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Jan-18	32.19391	-103.37451	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Jan-18	32.19391	-103.37451	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Jan-18	32.19391	-103.37451	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Jan-18	32.19391	-103.37451	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.00199	-104.02990	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.00199	-104.02990	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.00199	-104.02990	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.00199	-104.02990	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-032	2015	32.00097	-104.02921	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-032	2015	32.00097	-104.02921	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-032	2015	32.00097	-104.02921	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-032	2015	32.00097	-104.02921	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-065-2	2015	32.09365	-103.34261	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-065-2	2015	32.09365	-103.34261	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-065-2	2015	32.09365	-103.34261	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-065-2	2015	32.09365	-103.34261	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.07966	-104.25344	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.07966	-104.25344	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.07966	-104.25344	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		T-2187	constructed	32.07966	-104.25344	VOC emission rate > 6 tpy	No Deviations	Yes	No
4134	Dodd Federal Unit 11A	39261	constructed	32.84640	-104.04860	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39373	constructed	32.84640	-104.04860	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39382	constructed	32.84640	-104.04860	VOC emission rate > 6 tpy	No Deviations	Yes	No
4135	Duo Sonic 29 Federal Battery	TBD	constructed	32.09483	-103.38190	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.09483	-103.38190	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.09483	-103.38190	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.09483	-103.38190	VOC emission rate > 6 tpy	No Deviations	Yes	No
4136	Fascinator Fee CTB	T-2148	constructed	32.20161	-103.39981	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2150	constructed	32.20161	-103.39981	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2155	constructed	32.20161	-103.39981	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2152	constructed	32.20161	-103.39981	VOC emission rate > 6 tpy	No Deviations	Yes	No
4138	Graham Cracker State 2B CTB	5-17-157-025	constructed	32.06540	-104.05058	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-020	constructed	32.06540	-104.05058	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-023	constructed	32.06540	-104.05058	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-016	constructed	32.06540	-104.05058	VOC emission rate > 6 tpy	No Deviations	Yes	No
4141	Jazzbass 34 Federal Battery	ER1382	constructed	32.08152	-103.35279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1383	constructed	32.08152	-103.35279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1384	constructed	32.08152	-103.35279	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1385	constructed	32.08152	-103.35279	VOC emission rate > 6 tpy	No Deviations	Yes	No
4142	Mas Federal 34A CTB	T-3118	constructed	32.53482	-103.54241	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2466	constructed	32.53482	-103.54241	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.07966	-104.25344	
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-005	2014	32.84640	-104.04860	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-005	2014	32.84640	-104.04860	833.33
Not Applicable	Not Applicable	Not Applicable	Abutec	20	20181-005	2014	32.84640	-104.04860	833.33
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.09483	-103.38190	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.09483	-103.38190	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.09483	-103.38190	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.09483	-103.38190	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.20161	-103.39981	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.20161	-103.39981	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.20161	-103.39981	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.20161	-103.39981	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.06540	-104.05058	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.06540	-104.05058	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.06540	-104.05058	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.06540	-104.05058	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-071-2	2015	32.08152	-103.35279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-071-2	2015	32.08152	-103.35279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-071-2	2015	32.08152	-103.35279	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-071-2	2015	32.08152	-103.35279	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53482	-103.54241	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53482	-103.54241	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		T-2464	constructed	32.53482	-103.54241	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2468	constructed	32.53482	-103.54241	VOC emission rate > 6 tpy	No Deviations	Yes	No
4143	Mas Federal 35D CTB	5-17-157-135	constructed	32.53528	-103.53706	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-009	constructed	32.53528	-103.53706	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-136	constructed	32.53528	-103.53706	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-	constructed	32.53528	-103.53706	VOC emission rate > 6 tpy	No Deviations	Yes	No
4146	Montera Federal 23H Battery	T-2433	constructed	32.13787	-103.35881	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2413	constructed	32.13787	-103.35881	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2412	constructed	32.13787	-103.35881	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2432	constructed	32.13787	-103.35881	VOC emission rate > 6 tpy	No Deviations	Yes	No
4148	Myox 20 Federal CTB	15-17-157-006	constructed	32.11980	-104.10646	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15-17-157-003	constructed	32.11980	-104.10646	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15-17-157-002	constructed	32.11980	-104.10646	VOC emission rate > 6 tpy	No Deviations	Yes	No
		15-17-157-005	constructed	32.11980	-104.10646	VOC emission rate > 6 tpy	No Deviations	Yes	No
4153	Myox State Com 21N CTB	T-2339	constructed	32.10970	-104.10017	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2473	constructed	32.10970	-104.10017	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2465	constructed	32.10970	-104.10017	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2472	constructed	32.10970	-104.10017	VOC emission rate > 6 tpy	No Deviations	Yes	No
4154	Myox State Com 21P CTB	T-2094	constructed	32.11006	-104.08541	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2102	constructed	32.11006	-104.08541	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2106	constructed	32.11006	-104.08541	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2084	constructed	32.11006	-104.08541	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53482	-103.54241	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53482	-103.54241	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53528	-103.53706	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53528	-103.53706	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53528	-103.53706	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.53528	-103.53706	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13787	-103.35881	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13787	-103.35881	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13787	-103.35881	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13787	-103.35881	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11980	-104.10646	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11980	-104.10646	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11980	-104.10646	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11980	-104.10646	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.10970	-104.10017	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.10970	-104.10017	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.10970	-104.10017	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.10970	-104.10017	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11006	-104.08541	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11006	-104.08541	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11006	-104.08541	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.11006	-104.08541	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4155	Nelson Federal Com 13H Battery	TBD	constructed	32.83348	-103.75694	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.83348	-103.75694	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.83348	-103.75694	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.83348	-103.75694	VOC emission rate > 6 tpy	No Deviations	Yes	No
4157	Ringo 32 Federal CTB	T-2493	constructed	32.61900	-103.78653	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2495	constructed	32.61900	-103.78653	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2494	constructed	32.61900	-103.78653	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2492	constructed	32.61900	-103.78653	VOC emission rate > 6 tpy	No Deviations	Yes	No
4158	Road Runner Federal Com 2H 12H Battery	T-2196	constructed	32.09438	-104.24457	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2213	constructed	32.09438	-104.24457	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2204	constructed	32.09438	-104.24457	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2208	constructed	32.09438	-104.24457	VOC emission rate > 6 tpy	No Deviations	Yes	No
4159	Roadster State Com 1H	5-17-136-128	constructed	32.25309	-104.18729	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-136-131	constructed	32.25309	-104.18729	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-136-130	constructed	32.25309	-104.18729	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-136-129	constructed	32.25309	-104.18729	VOC emission rate > 6 tpy	No Deviations	Yes	No
4160	Sidewinder Federal Com 4H Battery	13733	constructed	32.00049	-104.01213	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13732	constructed	32.00049	-104.01213	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13713	constructed	32.00049	-104.01213	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13736	constructed	32.00049	-104.01213	VOC emission rate > 6 tpy	No Deviations	Yes	No
4162	Smalls Federal 2H Battery	5-17-136-124	constructed	32.35548	-103.47236	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-136-119	constructed	32.35548	-103.47236	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Jul-17	32.83348	-103.75694	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Jul-17	32.83348	-103.75694	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Jul-17	32.83348	-103.75694	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Jul-17	32.83348	-103.75694	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.61900	-103.78653	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.61900	-103.78653	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.61900	-103.78653	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.61900	-103.78653	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09438	-104.24457	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09438	-104.24457	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09438	-104.24457	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.09438	-104.24457	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.25309	-104.18729	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.25309	-104.18729	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.25309	-104.18729	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.25309	-104.18729	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-300	Aug-17	32.00049	-104.01213	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-300	Aug-17	32.00049	-104.01213	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-300	Aug-17	32.00049	-104.01213	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV	CXV-300	Aug-17	32.00049	-104.01213	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.35548	-103.47236	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.35548	-103.47236	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		5-17-136-123	constructed	32.35548	-103.47236	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-136-122	constructed	32.35548	-103.47236	VOC emission rate > 6 tpy	No Deviations	Yes	No
4165	SRO State Unit 20H Battery	14321	constructed	32.07807	-104.07034	VOC emission rate > 6 tpy	No Deviations	Yes	No
		14306	constructed	32.07807	-104.07034	VOC emission rate > 6 tpy	No Deviations	Yes	No
		14290	constructed	32.07807	-104.07034	VOC emission rate > 6 tpy	No Deviations	Yes	No
4166	SRO State Unit 53H Battery	22278	constructed	32.04942	-104.08640	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22301	constructed	32.04942	-104.08640	VOC emission rate > 6 tpy	No Deviations	Yes	No
		22272	constructed	32.04942	-104.08640	VOC emission rate > 6 tpy	No Deviations	Yes	No
4167	Stratojet 31 State Com 3H	19847	constructed	32.52307	-103.49851	VOC emission rate > 6 tpy	No Deviations	Yes	No
		19850	constructed	32.52307	-103.49851	VOC emission rate > 6 tpy	No Deviations	Yes	No
		19848	constructed	32.52307	-103.49851	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ST-500-301	constructed	32.52307	-103.49851	VOC emission rate > 6 tpy	No Deviations	Yes	No
4169	Talco 9 26 35 Federal 3H Battery	TBD	constructed	32.05871	-103.36871	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.05871	-103.36871	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.05871	-103.36871	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.05871	-103.36871	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.05871	-103.36871	VOC emission rate > 6 tpy	No Deviations	Yes	No
4170	Tankless Federal 35B CTB	5-17-157-026	constructed	32.34229	-103.74208	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-024	constructed	32.34229	-103.74208	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-022	constructed	32.34229	-103.74208	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-157-019	constructed	32.34229	-103.74208	VOC emission rate > 6 tpy	No Deviations	Yes	No
4171	Tenderloin Federal Com 4H Battery	T-2310	constructed	32.40036	-103.53204	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.35548	-103.47236	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.35548	-103.47236	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2017	32.07807	-104.07034	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2017	32.07807	-104.07034	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2017	32.07807	-104.07034	5200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013-009	2014	32.04942	-104.08640	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013-009	2014	32.04942	-104.08640	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	90013-009	2014	32.04942	-104.08640	4200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.52307	-103.49851	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.52307	-103.49851	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.52307	-103.49851	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.52307	-103.49851	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2016	32.05871	-103.36871	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2016	32.05871	-103.36871	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2016	32.05871	-103.36871	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2016	32.05871	-103.36871	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2016	32.05871	-103.36871	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.34229	-103.74208	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.34229	-103.74208	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.34229	-103.74208	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.34229	-103.74208	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.40036	-103.53204	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		T-2313	constructed	32.40036	-103.53204	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2299	constructed	32.40036	-103.53204	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-2309	constructed	32.40036	-103.53204	VOC emission rate > 6 tpy	No Deviations	Yes	No
4172	Tumak Federal 3 Battery	39846	constructed	32.82769	-104.15461	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39845	constructed	32.82769	-104.15461	VOC emission rate > 6 tpy	No Deviations	Yes	No
		39844	constructed	32.82769	-104.15461	VOC emission rate > 6 tpy	No Deviations	Yes	No
4173	Vast East CTB	13101	constructed	32.03838	-103.58615	VOC emission rate > 6 tpy	No Deviations	Yes	No
		12954	constructed	32.03838	-103.58615	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13074	constructed	32.03838	-103.58615	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13079	constructed	32.03838	-103.58615	VOC emission rate > 6 tpy	No Deviations	Yes	No
4176	Vast West CTB	T-1911	constructed	32.03860	-103.58661	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-1912	constructed	32.03860	-103.58661	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-1898	constructed	32.03860	-103.58661	VOC emission rate > 6 tpy	No Deviations	Yes	No
		T-1913	constructed	32.03860	-103.58661	VOC emission rate > 6 tpy	No Deviations	Yes	No
4177	Viking Helmet CTB	13201	constructed	32.19401	-103.38693	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13207	constructed	32.19401	-103.38693	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13197	constructed	32.19401	-103.38693	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13206	constructed	32.19401	-103.38693	VOC emission rate > 6 tpy	No Deviations	Yes	No
4178	White Falcon 16 Federal CTB	5-17-256-003	constructed	32.13580	-103.37280	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-256-002	constructed	32.13580	-103.37280	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-256-004	constructed	32.13580	-103.37280	VOC emission rate > 6 tpy	No Deviations	Yes	No
		5-17-256-001	constructed	32.13580	-103.37280	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.40036	-103.53204	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.40036	-103.53204	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.40036	-103.53204	
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50126-014	2015	32.82769	-104.15461	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50126-014	2014	32.82769	-104.15461	4200
Not Applicable	Not Applicable	Not Applicable	Abutec	100	50126-014	2014	32.82769	-104.15461	4200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03838	-103.58615	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03838	-103.58615	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03838	-103.58615	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03838	-103.58615	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03860	-103.58661	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03860	-103.58661	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03860	-103.58661	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.03860	-103.58661	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-17	32.19401	-103.38693	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-17	32.19401	-103.38693	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-17	32.19401	-103.38693	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		Aug-17	32.19401	-103.38693	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13580	-103.37280	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13580	-103.37280	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13580	-103.37280	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13580	-103.37280	

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
4179	White Falcon 16 State 1H Battery	ER1501	constructed	32.13700	-103.38080	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1502	constructed	32.13700	-103.38080	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1500	constructed	32.13700	-103.38080	VOC emission rate > 6 tpy	No Deviations	Yes	No
		ER1477	constructed	32.13700	-103.38080	VOC emission rate > 6 tpy	No Deviations	Yes	No
4180	White Falcon State 16D CTB	2357	constructed	32.13561	-103.37971	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2365	constructed	32.13561	-103.37971	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2362	constructed	32.13561	-103.37971	VOC emission rate > 6 tpy	No Deviations	Yes	No
		2363	constructed	32.13561	-103.37971	VOC emission rate > 6 tpy	No Deviations	Yes	No
4181	Windward East Battery	133356	constructed	32.19429	-103.71882	VOC emission rate > 6 tpy	No Deviations	Yes	No
		133350	constructed	32.19429	-103.71882	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13219	constructed	32.19429	-103.71882	VOC emission rate > 6 tpy	No Deviations	Yes	No
		13214	constructed	32.19429	-103.71882	VOC emission rate > 6 tpy	No Deviations	Yes	No
4182	Windward Federal 2H Battery	23318	constructed	32.19499	-103.71902	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23322	constructed	32.19499	-103.71902	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23314	constructed	32.19499	-103.71902	VOC emission rate > 6 tpy	No Deviations	Yes	No
		23304	constructed	32.19499	-103.71902	VOC emission rate > 6 tpy	No Deviations	Yes	No
4185	Windward West Battery	7104	constructed	32.19416	-103.71880	VOC emission rate > 6 tpy	No Deviations	Yes	No
		7096	constructed	32.19416	-103.71880	VOC emission rate > 6 tpy	No Deviations	Yes	No
		7100	constructed	32.19416	-103.71880	VOC emission rate > 6 tpy	No Deviations	Yes	No
		7097	constructed	32.19416	-103.71880	VOC emission rate > 6 tpy	No Deviations	Yes	No
4186	Zeppo 5 Federal Com 25H	TBD	constructed	32.86390	-103.78817	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.86390	-103.78817	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.13700	-103.38080	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.13700	-103.38080	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.13700	-103.38080	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		2015	32.13700	-103.38080	5200
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13561	-103.37971	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13561	-103.37971	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13561	-103.37971	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.13561	-103.37971	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19429	-103.71882	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19429	-103.71882	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19429	-103.71882	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19429	-103.71882	
Not Applicable	Not Applicable	Not Applicable	Abutec	250		2015	32.19499	-103.71902	10416.67
Not Applicable	Not Applicable	Not Applicable	Abutec	250		2015	32.19499	-103.71902	10416.67
Not Applicable	Not Applicable	Not Applicable	Abutec	250		2015	32.19499	-103.71902	10416.67
Not Applicable	Not Applicable	Not Applicable	Abutec	250		2015	32.19499	-103.71902	10416.67
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19416	-103.71880	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19416	-103.71880	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19416	-103.71880	
Not Applicable	Not Applicable	Not Applicable	VRU in service	Not Applicable	Not Applicable	Not Applicable	32.19416	-103.71880	
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-18	32.86390	-103.78817	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-18	32.86390	-103.78817	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
				Not Applicable
				Not Applicable
				Not Applicable
				Not Applicable
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Storage Vessels

Facility Record No. * (Select from dropdown list - may need to scroll up)	Facility Name	Storage Vessel ID * (§60.5420a(b)(1)(ii) and §60.5420a(b)(6)(i))	Was the storage vessel constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(6)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(i))	If new affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365a(e).* (§60.5420a(b)(6)(ii))	Records of deviations where the storage vessel was not operated in compliance with requirements * (§60.5420a(b)(6)(iii) and §60.5420a(c)(5)(iii))	Have you met the requirements specified in §60.5410a(h)(2) and (3)?* (§60.5420a(b)(6)(iv))	Removed from service during the reporting period? * (§60.5420a(b)(6)(v))
		TBD	constructed	32.86390	-103.78817	VOC emission rate > 6 tpy	No Deviations	Yes	No
		TBD	constructed	32.86390	-103.78817	VOC emission rate > 6 tpy	No Deviations	Yes	No

If removed from service, the date removed from service. * (§60.5420a(b)(6)(v))	Returned to service during the reporting period? * (§60.5420a(b)(6)(vi))	If returned to service, the date returned to service. * (§60.5420a(b)(6)(vi))	Make of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Model of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Serial Number of Purchased Device * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(A))	Date of Purchase * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(B))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(D))	Inlet Gas Flow Rate * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(E))
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-18	32.86390	-103.78817	5200
Not Applicable	Not Applicable	Not Applicable	Edge	CXV		May-18	32.86390	-103.78817	5200

Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(4)) Please provide only one file per record.	contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(6)(vii) and §60.5420a(c)(5)(vi)(F)(5)) Please provide only one file per record.
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available
Monthly Records Available	Monthly Records Available	Monthly Records Available	Monthly Records Available	Available

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3001	Aldrin 2822H Tank Battery	11/05/2017	18:00	18:30	Rodney Gabriel	81°F	Partly Cloudy	WSW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3001	Aldrin 2822H Tank Battery	05/09/2018	09:30	10:00	Rodney Gabriel	60°F	Clear	N 5 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Entry port	1	N/A	N/A	N/A	N/A	N/A	N/A	05/14/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3002	Armstrong 2824H Tank Battery	11/05/2017	17:30	18:00	Rodney Gabriel	82°F	Partly Cloudy	WSW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3002	Armstrong 2824H Tank Battery	05/09/2018	10:00	10:30	Rodney Gabriel	60°F	Clear	N 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3003	Augustus 1023H Battery	10/30/2017	13:00	13:30	Rodney Gabriel	57°F	Clear	NNW 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3003	Augustus 1023H Battery	05/08/2018	12:30	13:00	Rodney Gabriel	91°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3004	Barstow 33-33 1H 2H Battery	10/20/2017	08:00	08:30	Rodney Gabriel	59°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3004	Barstow 33-33 1H 2H Battery	04/12/2018	12:30	13:00	Rodney Gabriel	92°F	Partly Cloudy	WSW 17 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Gasket	1	N/A	N/A	N/A	N/A	N/A	N/A	05/03/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3005	Barstow A 36-52H Battery	02/13/2018	08:00	08:30	Rodney Gabriel	33°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3006	Big Chief 46	02/12/2018	09:30	10:00	Rodney Gabriel	36°F	Partly Cloudy	ESE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3007	Bronze 6-15 1H Battery	08/28/2017	12:00	13:00	Rodney Gabriel	79°F	Partly Cloudy	NNE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3007	Bronze 6-15 1H Battery	03/09/2018	09:30	10:00	Rodney Gabriel	47°F	Partly Cloudy	ESE 1 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3008	Carpenter C Unit 203H Battery	11/05/2017	15:00	15:30	Rodney Gabriel	86°F	Partly Cloudy	WSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3008	Carpenter C Unit 203H Battery	05/06/2018	15:30	16:00	Rodney Gabriel	90°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(viii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3009	Carpenter E Unit 223H Battery	11/05/2017	14:30	15:00	Rodney Gabriel	87°F	Partly Cloudy	W 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3009	Carpenter E Unit 223H Battery	05/06/2018	14:30	15:00	Rodney Gabriel	90°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3010	Chief Pinkie Battery	11/20/2017	14:45	15:15	Rodney Gabriel	75°F	Partly Cloudy	NW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3010	Chief Pinkie Battery	05/08/2018	09:30	10:00	Rodney Gabriel	86°F	Partly Cloudy	SSW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3011	Chrome 33-39S Battery	11/06/2017	13:00	13:30	Rodney Gabriel	88°F	Partly Cloudy	WSW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3011	Chrome 33-39S Battery	05/07/2018	07:30	08:00	Rodney Gabriel	61°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3012	Chute Buster 604H Battery	10/30/2017	11:00	11:30	Rodney Gabriel	56°F	Clear	NNW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3012	Chute Buster 604H Battery	05/08/2018	13:30	14:00	Rodney Gabriel	92°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3013	Cimarron Battery	09/18/2017	08:00	08:30	Rodney Gabriel	66°F	Partly Cloudy	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3013	Cimarron Battery	03/08/2018	14:00	14:30	Rodney Gabriel	75°F	Partly Cloudy	ENE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3017	Grissom 1802H Battery	02/01/2018	07:30	08:00	Rodney Gabriel	41°F	Clear	NNE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3018	Grissom 1822H Battery	02/01/2018	07:00	07:30	Rodney Gabriel	40°F	Clear	NNE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3018	Grissom 1822H Battery	07/01/2018	12:30	13:00	Rodney Gabriel	95°F	Partly Cloudy	NNE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3019	Hasel - Cowden 28	09/25/2017	14:30	15:00	Rodney Gabriel	74°F	Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3019	Hasel - Cowden 28	04/26/2018	08:00	08:30	Rodney Gabriel	45°F	Partly Cloudy	SSW 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3020	Hasel Unit 53 Battery	10/05/2017	15:00	15:30	Rodney Gabriel	94°F	Partly Cloudy	SE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3020	Hasel Unit 53 Battery	05/17/2018	08:00	08:30	Rodney Gabriel	78°F	Partly Cloudy	SSE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3021	Hasta La Vista Battery	11/06/2017	07:30	08:00	Rodney Gabriel	50°F	Partly Cloudy	SSE 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3021	Hasta La Vista Battery	05/07/2018	14:00	14:30	Rodney Gabriel	95°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3022	Horn Splitter 1002H	02/21/2018	16:00	16:30	Rodney Gabriel	45°F	Partly Cloudy	ENE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3022	Horn Splitter 1002H	07/24/2018	14:00	14:30	Rodney Gabriel	92°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3023	Ike State Battery	11/06/2017	07:00	07:30	Rodney Gabriel	47°F	Partly Cloudy	W 5 MPH	Opgal EyeCGas OGI Camera	None	HT-02 : Regulator	1	N/A	N/A	N/A	N/A	N/A	N/A	11/07/2017	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3023	Ike State Battery	05/07/2018	13:30	14:00	Rodney Gabriel	94°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3024	Johnny Ryall Unit Battery	11/21/2017	06:30	07:00	Rodney Gabriel	45°F	Partly Cloudy	NNW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3024	Johnny Ryall Unit Battery	05/07/2018	10:30	11:00	Rodney Gabriel	77°F	Partly Cloudy	SSE 4 MPH	Opgal EyeCGas OGI Camera	None	PW-01 : Piping	1	N/A	N/A	N/A	N/A	N/A	N/A	05/17/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3025	Joyce H Battery	09/06/2017	15:00	15:30	Rodney Gabriel	85°F	Partly Cloudy	E 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3025	Joyce H Battery	03/10/2018	11:30	12:00	Rodney Gabriel	75°F	Partly Cloudy	W 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3026	Larimer State Unit Battery	03/08/2018	10:30	11:00	Rodney Gabriel	56°F	Partly Cloudy	NW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3027	Laura Jean Battery	09/08/2017	14:30	15:00	Rodney Gabriel	84°F	Partly Cloudy	SE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3027	Laura Jean Battery	03/16/2018	13:30	14:00	Rodney Gabriel	75°F	Partly Cloudy	W 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3028	Mabee 240 (Tank Battery 1)	10/02/2017	18:30	19:00	Rodney Gabriel	77°F	Partly Cloudy	SSE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3028	Mabee 240 (Tank Battery 1)	05/18/2018	15:00	15:30	Rodney Gabriel	97°F	Partly Cloudy	SSE 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3029	Mabee 240CH Battery	10/08/2017	11:00	11:30	Rodney Gabriel	77°F	Partly Cloudy	SSW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3029	Mabee 240CH Battery	04/02/2018	15:00	15:30	Rodney Gabriel	76°F	Partly Cloudy	SW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3030	Mabee 240C-2 Battery	09/27/2017	10:00	10:30	Rodney Gabriel	59°F	Cloudy	ENE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3030	Mabee 240C-2 Battery	04/02/2018	14:30	15:00	Rodney Gabriel	72°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3031	Maggie Battery	10/03/2017	09:00	09:30	Rodney Gabriel	76°F	Partly Cloudy	SSE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3031	Maggie Battery	05/17/2018	11:30	12:00	Rodney Gabriel	92°F	Partly Cloudy	S 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3032	Mann 15 P1 Unit H Battery	09/12/2017	13:15	13:45	Rodney Gabriel	88°F	Partly Cloudy	N 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3032	Mann 15 P1 Unit H Battery	03/15/2018	15:00	15:30	Rodney Gabriel	71°F	Partly Cloudy	S 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3033	Marie Lease H Battery	02/13/2018	15:00	15:30	Rodney Gabriel	65°F	Partly Cloudy	SSE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience
3034	Monarch State Battery	11/20/2017	13:45	14:15	Rodney Gabriel	72°F	Partly Cloudy	NW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad 0a training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3034	Monarch State Battery	05/08/2018	07:00	07:30	Rodney Gabriel	72°F	Partly Cloudy	S 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3035	Neal Ranch 42 Battery	08/08/2017	13:30	14:00	Rodney Gabriel	85°F	Cloudy	NE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3035	Neal Ranch 42 Battery	02/14/2018	14:00	14:30	Rodney Gabriel	74°F	Partly Cloudy	S 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3036	Neal Ranch 42H Unit Battery	08/08/2017	11:00	11:30	Rodney Gabriel	76°F	Cloudy	ENE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3036	Neal Ranch 42H Unit Battery	03/20/2018	12:00	12:30	Rodney Gabriel	52°F	Clear	N 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3037	Norma H Battery	09/14/2017	14:30	15:00	Rodney Gabriel	98°F	Partly Cloudy	S 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3037	Norma H Battery	04/02/2018	12:30	13:00	Rodney Gabriel	64°F	Cloudy	SSE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3038	PFU2 1863H Battery	08/10/2017	11:00	12:00	Rodney Gabriel	86°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3038	PFU2 1863H Battery	02/27/2018	15:45	16:15	Rodney Gabriel	79°F	Partly Cloudy	SSE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3039	PFU2 2329H Battery	08/10/2017	16:00	17:00	Rodney Gabriel	94°F	Partly Cloudy	SSE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3039	PFU2 2329H Battery	02/15/2018	14:30	15:00	Rodney Gabriel	79°F	Partly Cloudy	SSW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3040	PFU3 1080 Battery	08/14/2017	16:30	17:30	Rodney Gabriel	92°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3040	PFU3 1080 Battery	02/26/2018	14:00	14:30	Rodney Gabriel	67°F	Clear	SE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3041	PFU3 108H Battery	09/19/2017	13:15	13:45	Rodney Gabriel	93°F	Partly Cloudy	SSW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3041	PFU3 108H Battery	03/21/2018	09:00	09:45	Rodney Gabriel	53°F	Partly Cloudy	SSE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3042	PFU3 117H Battery	09/26/2017	11:00	11:30	Rodney Gabriel	74°F	Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3042	PFU3 117H Battery	04/25/2018	14:30	15:00	Rodney Gabriel	53°F	Cloudy	NNE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3043	Poppy State Battery	08/03/2017	13:30	14:00	Rodney Gabriel	85°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3043	Poppy State Battery	01/09/2018	13:00	13:30	Rodney Gabriel	67°F	Partly Cloudy	SW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3043	Poppy State Battery	07/02/2018	12:30	13:00	Rodney Gabriel	96°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	02,03,04 : Thief h	1	N/A	N/A	N/A	N/A	N/A	N/A	07/12/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3043	Poppy State Battery	07/02/2018								PW 01,02,03,04 : Thief N		1							07/12/2018				Opgal EyeCGas OGI Camera	
3044	Ratliff A Tank Battery 1	09/28/2017	12:30	13:00	Rodney Gabriel	64°F	Cloudy	ENE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3044	Ratliff A Tank Battery 1	05/18/2018	12:00	12:30	Rodney Gabriel	92°F	Partly Cloudy	SSE 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3045	Ratliff E Battery	09/28/2017	12:00	12:30	Rodney Gabriel	63°F	Cloudy	ENE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3045	Ratliff E Battery	05/18/2018	12:30	13:00	Rodney Gabriel	93°F	Partly Cloudy	SSE 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3046	Ratliff F Battery	10/02/2017	15:00	15:30	Rodney Gabriel	88°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3046	Ratliff F Battery	05/18/2018	11:00	11:30	Rodney Gabriel	87°F	Partly Cloudy	SSE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3047	Ratliff G (A29) Battery	09/29/2017	12:00	12:30	Rodney Gabriel	61°F	Cloudy	ENE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3047	Ratliff G (A29) Battery	05/18/2018	11:30	12:00	Rodney Gabriel	90°F	Partly Cloudy	SSE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3048	Ratliff I and K Battery	10/04/2017	13:00	13:30	Rodney Gabriel	74°F	Cloudy	SSE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3048	Ratliff I and K Battery	05/18/2018	10:30	11:00	Rodney Gabriel	84°F	Partly Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3049	Rough Rider Battery	01/10/2018	10:00	10:30	Rodney Gabriel	59°F	Partly Cloudy	SSW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3049	Rough Rider Battery	07/02/2018	07:00	07:30	Rodney Gabriel	90°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3050	Screaming Eagle Battery	08/03/2017	11:30	12:00	Rodney Gabriel	82°F	Partly Cloudy	E 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3050	Screaming Eagle Battery	03/08/2018	13:30	14:00	Rodney Gabriel	75°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	W-01 : Thief Hatc	1	N/A	N/A	N/A	N/A	N/A	N/A	03/08/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3051	Shepard 824H Battery	10/30/2017	13:30	14:00	Rodney Gabriel	55°F	Clear	N 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3051	Shepard 824H Battery	05/09/2018	07:30	08:00	Rodney Gabriel	60°F	Clear	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3052	Steel Unit Battery	03/09/2018	14:45	15:15	Rodney Gabriel	79°F	Partly Cloudy	NW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3053	Stephanie	02/16/2018	12:00	12:30	Rodney Gabriel	52°F	Partly Cloudy	NE 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3054	Sure Shot Battery	08/28/2017	11:00	12:00	Rodney Gabriel	74°F	Partly Cloudy	NNE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3054	Sure Shot Battery	03/09/2018	08:30	09:00	Rodney Gabriel	40°F	Partly Cloudy	NE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3055	Thunderbird Unit Battery	11/07/2017	08:30	09:00	Rodney Gabriel	63°F	Partly Cloudy	SE 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3055	Thunderbird Unit Battery	04/12/2018	08:30	09:00	Rodney Gabriel	70°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3056	Timberwolf State Unit Battery	11/21/2017	07:30	08:00	Rodney Gabriel	50°F	Partly Cloudy	NNW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3056	Timberwolf State Unit Battery	06/12/2018	12:30	13:00	Rodney Gabriel	97°F	Partly Cloudy	ESE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3057	Trailblazer (Angler) Battery	11/06/2017	06:30	07:00	Rodney Gabriel	47°F	Partly Cloudy	W 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3057	Trailblazer (Angler) Battery	04/13/2018	07:00	07:30	Rodney Gabriel	71°F	Partly Cloudy	WSW 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3058	Tycoon C Battery	10/09/2017	07:30	08:00	Rodney Gabriel	65°F	Partly Cloudy	WSW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3058	Tycoon C Battery	03/09/2018	15:45	16:15	Rodney Gabriel	81°F	Partly Cloudy	WNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3059	Tycoon D Battery	10/09/2017	08:00	08:30	Rodney Gabriel	65°F	Partly Cloudy	WSW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3059	Tycoon D Battery	04/12/2018	14:30	15:00	Rodney Gabriel	94°F	Partly Cloudy	SW 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3060	Tycoon E Battery	11/21/2017	07:00	07:30	Rodney Gabriel	47°F	Partly Cloudy	NNW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3060	Tycoon E Battery	05/07/2018	11:30	12:00	Rodney Gabriel	79°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3061	Tycoon F Battery	08/28/2017	10:00	11:00	Rodney Gabriel	74°F	Partly Cloudy	NNE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3061	Tycoon F Battery	03/09/2018	08:00	08:30	Rodney Gabriel	38°F	Partly Cloudy	NE 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3062	Tycoon G Battery	11/06/2017	11:00	11:30	Rodney Gabriel	78°F	Partly Cloudy	W 3 MPH	Opgal EyeCGas OGI Camera	None	01 : Pipe connect	1	N/A	N/A	N/A	N/A	N/A	N/A	11/06/2017	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3062	Tycoon G Battery	06/12/2018	11:30	12:00	Rodney Gabriel	93°F	Partly Cloudy	ESE 1 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Sight glass	1	N/A	N/A	N/A	N/A	N/A	N/A	06/12/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3063	Vanessa 5232BH (Karen Vanessa)	09/08/2017	15:15	15:45	Rodney Gabriel	85°F	Partly Cloudy	S 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3063	Vanessa 5232BH (Karen Vanessa)	03/16/2018	08:30	09:00	Rodney Gabriel	50°F	Partly Cloudy	W 9 MPH	Opgal EyeCGas OGI Camera	None	HT-02 : Valve Cap	1	N/A	N/A	N/A	N/A	N/A	N/A	03/27/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3063	Vanessa 5232BH (Karen Vanessa)	03/16/2018									SP-03 : Valve	1							03/27/2018				Opgal EyeCGas OGI Camera	
3064	Veto Battery	01/09/2018	15:00	15:30	Rodney Gabriel	80°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3064	Veto Battery	07/03/2018	07:00	07:30	Rodney Gabriel	96°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3065	Wetherbee 423H Battery	11/05/2017	16:30	17:00	Rodney Gabriel	84°F	Partly Cloudy	WSW 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3065	Wetherbee 423H Battery	05/06/2018	17:30	18:00	Rodney Gabriel	89°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3066	Windham A H Unit Battery	09/20/2017	15:00	15:30	Rodney Gabriel	99°F	Partly Cloudy	SW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3066	Windham A H Unit Battery	04/02/2018	13:30	14:00	Rodney Gabriel	67°F	Partly Cloudy	S 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3067	Worsham 6 14 1405H Battery	10/20/2017	07:00	07:30	Rodney Gabriel	57°F	Partly Cloudy	S 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3067	Worsham 6 14 1405H Battery	04/12/2018	15:30	16:00	Rodney Gabriel	96°F	Partly Cloudy	WSW 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3068	Graham 33-35 1H Battery	04/12/2018	12:00	12:30	Rodney Gabriel	90°F	Partly Cloudy	WSW 15 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Gasket	1	N/A	N/A	N/A	N/A	N/A	N/A	04/16/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3068	Graham 33-35 1H Battery	04/12/2018									HT-01 : Sight tube	1							04/16/2018				Opgal EyeCGas OGI Camera	
3069	Mary Battery	08/15/2017	15:30	16:00	Rodney Gabriel	87°F	Partly Cloudy	ESE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3069	Mary Battery	03/10/2018	10:30	11:00	Rodney Gabriel	73°F	Partly Cloudy	W 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4001	Admiral Federal Com 2H Battery	03/03/2018	10:00	10:30	Rodney Gabriel	58°F	Clear	ESE 4 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Stack Brace	1	N/A	N/A	N/A	N/A	N/A	N/A	03/21/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4002	Azores Federal 3H Battery	08/02/2017	11:30	12:00	Rodney Gabriel	76°F	Partly Cloudy	NNE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4002	Azores Federal 3H Battery	03/03/2018	12:30	13:00	Rodney Gabriel	74°F	Clear	SSW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4003	Banter State Com 4H Battery	02/22/2018	09:30	10:00	Rodney Gabriel	31°F	Partly Cloudy	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4003	Banter State Com 4H Battery	07/26/2018	08:30	09:00	Rodney Gabriel	79°F	Partly Cloudy	ESE 11 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	08/02/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4004	Beech 25 Federal 9H Battery	12/08/2017	11:30	12:00	Rodney Gabriel	45°F	Partly Cloudy	NNW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4004	Beech 25 Federal 9H Battery	06/07/2018	09:30	10:00	Rodney Gabriel	74°F	Partly Cloudy	SSW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4005	Blue Jay Federal 1H Battery	01/09/2018	08:00	08:30	Rodney Gabriel	42°F	Partly Cloudy	W 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4005	Blue Jay Federal 1H Battery	07/10/2018	07:30	08:00	Rodney Gabriel	68°F	Partly Cloudy	E 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4006	Bone Yard 11 Fee 12H	12/08/2017	06:30	07:00	Rodney Gabriel	24°F	Partly Cloudy	W 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4006	Bone Yard 11 Fee 12H	07/05/2018	06:30	07:00	Rodney Gabriel	73°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4007	Boone 16 State Com 2H Battery	02/11/2018	08:30	09:00	Rodney Gabriel	24°F	Partly Cloudy	N 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4008	Bose Ikard 4 State Com 18H	12/09/2017	07:30	08:00	Rodney Gabriel	27°F	Partly Cloudy	N 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4008	Bose Ikard 4 State Com 18H	06/07/2018	11:00	11:30	Rodney Gabriel	88°F	Partly Cloudy	WSW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4009	Bradley 8 Fee 2H	12/08/2017	08:30	09:00	Rodney Gabriel	26°F	Partly Cloudy	W 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4009	Bradley 8 Fee 2H	07/05/2018	07:00	07:30	Rodney Gabriel	75°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4010	Bradley 8 Fee 3H	12/08/2017	08:00	08:30	Rodney Gabriel	26°F	Partly Cloudy	W 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4010	Bradley 8 Fee 3H	07/05/2018	07:30	08:00	Rodney Gabriel	77°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4011	Branex-COG Federal 11 Battery	12/01/2017	16:00	16:30	Rodney Gabriel	66°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4011	Branex-COG Federal 11 Battery	04/03/2018	12:00	12:30	Rodney Gabriel	76°F	Partly Cloudy	NW 18 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	05/01/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4012	Broadcaster 29 Federal 3H	02/11/2018	12:30	13:00	Rodney Gabriel	34°F	Partly Cloudy	N 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4012	Broadcaster 29 Federal 3H	07/26/2018	09:30	10:00	Rodney Gabriel	77°F	Partly Cloudy	ESE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4013	Bultaco State 1H Battery	08/02/2017	11:00	11:30	Rodney Gabriel	75°F	Partly Cloudy	NNE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4013	Bultaco State 1H Battery	03/22/2018	15:00	15:30	Rodney Gabriel	83°F	Partly Cloudy	WSW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4013	Bultaco State 1H Battery	07/27/2018	08:30	09:00	Rodney Gabriel	76°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4014	Burch Keely Unit 13A	10/01/2017	14:00	14:30	Rodney Gabriel	71°F	Partly Cloudy	SSE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4014	Burch Keely Unit 13A	04/10/2018	08:00	08:30	Rodney Gabriel	46°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4015	Burch Keely Unit 13C	12/08/2017	13:30	14:00	Rodney Gabriel	52°F	Partly Cloudy	NNW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4015	Burch Keely Unit 13C	06/07/2018	12:30	13:00	Rodney Gabriel	95°F	Partly Cloudy	WNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4016	Burch Keely Unit 18A	12/09/2017	10:00	10:30	Rodney Gabriel	39°F	Partly Cloudy	NNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4016	Burch Keely Unit 18A	06/07/2018	16:00	16:30	Rodney Gabriel	100°F	Partly Cloudy	W 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4017	Burch Keely Unit 23A	12/09/2017	10:30	11:00	Rodney Gabriel	45°F	Partly Cloudy	NNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4017	Burch Keely Unit 23A	06/07/2018	13:00	13:30	Rodney Gabriel	97°F	Partly Cloudy	W 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4018	Cabo Blanco State Battery	03/03/2018	16:00	16:30	Rodney Gabriel	76°F	Clear	SSW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4019	Cadillac 15 State 4H	12/08/2017	12:30	13:00	Rodney Gabriel	50°F	Partly Cloudy	NNW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4019	Cadillac 15 State 4H	06/07/2018	11:30	12:00	Rodney Gabriel	92°F	Partly Cloudy	W 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4020	Cali Roll 24 Federal Com 2H Battery	08/16/2017	10:00	10:30	Rodney Gabriel	83°F	Clear	N 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4020	Cali Roll 24 Federal Com 2H Battery	02/21/2018	13:30	14:00	Rodney Gabriel	40°F	Clear	ENE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4021	Carmen 3 Federal 1H Battery	12/09/2017	08:30	09:00	Rodney Gabriel	31°F	Partly Cloudy	N 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4021	Carmen 3 Federal 1H Battery	06/07/2018	14:30	15:00	Rodney Gabriel	99°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Sight tube	1	N/A	N/A	N/A	N/A	N/A	N/A	06/11/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4022	CCAP State Com 6H Battery	08/02/2017	07:30	08:00	Rodney Gabriel	66°F	Mostly Cloudy	NE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4022	CCAP State Com 6H Battery	02/21/2018	11:30	12:00	Rodney Gabriel	36°F	Clear	ENE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Required as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Required as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4022	CCAP State Com 6H Battery	07/23/2018	12:00	12:30	Rodney Gabriel	98°F	Partly Cloudy	NNE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4023	Chopper State Com 3H Battery	02/11/2018	15:00	15:30	Rodney Gabriel	42°F	Partly Cloudy	NNE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4023	Chopper State Com 3H Battery	07/24/2018	06:30	07:00	Rodney Gabriel	75°F	Partly Cloudy	N 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4024	Clydesdale 1 Fee 6H	12/08/2017	07:00	07:30	Rodney Gabriel	26°F	Partly Cloudy	W 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4024	Clydesdale 1 Fee 6H	07/05/2018	08:00	08:30	Rodney Gabriel	78°F	Partly Cloudy	ESE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4025	Columbus Fee 2H Battery	10/05/2017	09:00	09:30	Rodney Gabriel	69°F	Partly Cloudy	SE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4025	Columbus Fee 2H Battery	03/24/2018	15:00	15:30	Rodney Gabriel	82°F	Partly Cloudy	SW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4026	Cookie Tosser State Com 1H Battery	08/02/2017	08:30	09:00	Rodney Gabriel	67°F	Partly Cloudy	NE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4026	Cookie Tosser State Com 1H Battery	03/05/2018	09:00	09:30	Rodney Gabriel	48°F	Partly Cloudy	N 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4026	Cookie Tosser State Com 1H Battery	07/12/2018	09:00	09:30	Rodney Gabriel	80°F	Partly Cloudy	SSE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4027	Cookie Tosser State Com 2H Battery	08/02/2017	09:00	09:30	Rodney Gabriel	67°F	Partly Cloudy	NE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4027	Cookie Tosser State Com 2H Battery	03/05/2018	09:30	10:00	Rodney Gabriel	49°F	Partly Cloudy	N 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4027	Cookie Tosser State Com 2H Battery	07/12/2018	09:30	10:00	Rodney Gabriel	81°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4028	Copperhead 31 Federal Com 3H Battery	09/04/2017	12:00	12:30	Rodney Gabriel	79°F	Clear	SSE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4028	Copperhead 31 Federal Com 3H Battery	03/03/2018	08:00	08:30	Rodney Gabriel	41°F	Clear	NW 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4028	Copperhead 31 Federal Com 3H Battery	07/24/2018	16:30	17:00	Rodney Gabriel	95°F	Partly Cloudy	E 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4029	Cottonmouth 23 Federal Com 2H	08/15/2017	08:30	09:00	Rodney Gabriel	76°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4029	Cottonmouth 23 Federal Com 2H	03/03/2018	09:30	10:00	Rodney Gabriel	44°F	Partly Cloudy	NNE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4029	Cottonmouth 23 Federal Com 2H	07/25/2018	12:30	13:00	Rodney Gabriel	94°F	Partly Cloudy	SE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4030	Crapshoot Federal 2H Battery	09/04/2017	10:30	11:00	Rodney Gabriel	73°F	Clear	SSE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4030	Crapshoot Federal 2H Battery	03/22/2018	12:30	13:00	Rodney Gabriel	77°F	Partly Cloudy	W 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4030	Crapshoot Federal 2H Battery	07/23/2018	15:00	15:30	Rodney Gabriel	103°F	Partly Cloudy	E 11 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	08/02/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4030	Crapshoot Federal 2H Battery	07/23/2018									SP-01 : Gas tube joint	1							08/02/2018				Opgal EyeCGas OGI Camera	
4031	Diamondback 22 State Com 5H Battery	08/15/2017	08:00	08:30	Rodney Gabriel	76°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Valve	1	N/A	N/A	N/A	N/A	N/A	N/A	08/21/2017	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4031	Diamondback 22 State Com 5H Battery	03/03/2018	08:30	09:00	Rodney Gabriel	42°F	Partly Cloudy	NNE 4 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Valve	1	N/A	N/A	N/A	N/A	N/A	N/A	03/05/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4031	Diamondback 22 State Com 5H Battery	07/25/2018	12:00	12:30	Rodney Gabriel	92°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4032	Dodd Federal Unit 10B Battery	11/01/2017	14:00	14:30	Rodney Gabriel	75°F	Clear	WSW 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4032	Dodd Federal Unit 10B Battery	04/10/2018	13:00	13:30	Rodney Gabriel	66°F	Partly Cloudy	SSE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4033	Dodd Federal Unit 14A Battery	12/08/2017	13:00	13:30	Rodney Gabriel	51°F	Partly Cloudy	NNW 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(iii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4033	Dodd Federal Unit 14A Battery	06/07/2018	12:00	12:30	Rodney Gabriel	92°F	Partly Cloudy	W 9 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	06/14/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4033	Dodd Federal Unit 14A Battery	06/07/2018									HT-02 : Sight tube	1							06/14/2018				Opgal EyeCGas OGI Camera	
4034	Dodd Federal Unit 15A Battery	11/01/2017	14:45	15:15	Rodney Gabriel	75°F	Clear	WSW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4034	Dodd Federal Unit 15A Battery	05/02/2018	10:30	11:00	Rodney Gabriel	64°F	Cloudy	S 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4035	Eata Fajita State 9H & 10H Battery	08/02/2017	13:30	14:00	Rodney Gabriel	80°F	Partly Cloudy	NE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAP training and certification, FLIR Quad Oa training and certification, 5+ years experience
4035	Eata Fajita State 9H & 10H Battery	03/03/2018	14:00	14:30	Rodney Gabriel	75°F	Clear	SSW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4036	Eata Fajita State Com 6H Battery	08/02/2017	14:00	14:30	Rodney Gabriel	80°F	Partly Cloudy	NE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4036	Eata Fajita State Com 6H Battery	03/03/2018	14:30	15:00	Rodney Gabriel	76°F	Clear	SSW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4037	Eider Federal 2H Battery	03/03/2018	13:00	13:30	Rodney Gabriel	74°F	Clear	SSW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4038	Electra Federal 33 (North)	12/09/2017	09:00	09:30	Rodney Gabriel	32°F	Partly Cloudy	N 10 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Stack Brac	1	N/A	N/A	N/A	N/A	N/A	N/A	12/20/2017	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4038	Electra Federal 33 (North)	06/07/2018	15:00	15:30	Rodney Gabriel	99°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4039	Fascinator Fee Com 2H Battery	01/07/2018	09:30	10:00	Rodney Gabriel	50°F	Partly Cloudy	W 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4039	Fascinator Fee Com 2H Battery	07/09/2018	13:00	13:30	Rodney Gabriel	85°F	Partly Cloudy	E 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4040	Flat Head Federal Com 27H Battery	11/15/2017	07:30	08:00	Rodney Gabriel	50°F	Clear	NNE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4040	Flat Head Federal Com 27H Battery	04/03/2018	11:30	12:00	Rodney Gabriel	76°F	Partly Cloudy	NW 18MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4041	Flat Head Federal Com 6H Battery	11/15/2017	07:00	07:30	Rodney Gabriel	48°F	Clear	NNE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4041	Flat Head Federal Com 6H Battery	04/03/2018	11:00	11:30	Rodney Gabriel	73°F	Partly Cloudy	NW 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4042	Geronimo Federal Com 11H Battery	11/15/2017	09:30	10:00	Rodney Gabriel	57°F	Clear	NNE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4042	Geronimo Federal Com 11H Battery	05/13/2018	16:00	16:30	Rodney Gabriel	93°F	Partly Cloudy	SW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4043	Glacier Federal Com 1H Battery	08/16/2017	10:30	11:00	Rodney Gabriel	84°F	Clear	N 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4043	Glacier Federal Com 1H Battery	02/21/2018	14:00	14:30	Rodney Gabriel	41°F	Clear	ENE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4044	Goose State 1H Battery	02/11/2018	07:30	08:00	Rodney Gabriel	20°F	Partly Cloudy	N 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4044	Goose State 1H Battery	07/10/2018	10:30	11:00	Rodney Gabriel	73°F	Partly Cloudy	ESE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4045	Graham Nash Federal Com 7H	10/25/2017	10:30	11:00	Rodney Gabriel	58°F	Clear	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4045	Graham Nash Federal Com 7H	04/11/2018	18:30	19:00	Rodney Gabriel	94°F	Partly Cloudy	WSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4046	Gunner 8 Federal 6H and 7H Battery	01/07/2018	12:30	13:00	Rodney Gabriel	63°F	Partly Cloudy	WNW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4046	Gunner 8 Federal 6H and 7H Battery	07/03/2018	11:00	11:30	Rodney Gabriel	88°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4047	Halberd 27 State 3H Battery	12/08/2017	12:00	12:30	Rodney Gabriel	48°F	Partly Cloudy	NNW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4047	Halberd 27 State 3H Battery	06/07/2018	10:00	10:30	Rodney Gabriel	80°F	Partly Cloudy	WSW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4048	Horned Owl Federal 3H	08/16/2017	12:30	13:00	Rodney Gabriel	88°F	Clear	N 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4048	Horned Owl Federal 3H	03/02/2018	14:00	14:30	Rodney Gabriel	66°F	Clear	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4048	Horned Owl Federal 3H	07/24/2018	09:30	10:00	Rodney Gabriel	83°F	Partly Cloudy	ENE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4050	Ivar the Boneless Federal 11H	12/01/2017	13:00	13:30	Rodney Gabriel	68°F	Partly Cloudy	SSW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4050	Ivar the Boneless Federal 11H	06/07/2018	05:30	06:00	Rodney Gabriel	69°F	Partly Cloudy	SSE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4051	King Air 8 Federal Com 3H	01/08/2018	16:30	17:00	Rodney Gabriel	63°F	Partly Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4051	King Air 8 Federal Com 3H	07/05/2018	14:00	14:30	Rodney Gabriel	88°F	Partly Cloudy	E 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4052	Lajitas BWQ State Com 1H Battery	03/05/2018	10:00	10:30	Rodney Gabriel	51°F	Partly Cloudy	N 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4052	Lajitas BWQ State Com 1H Battery	07/12/2018	07:30	08:00	Rodney Gabriel	77°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4053	Lusk Deep Unit A 23H Battery	01/08/2018	17:30	18:00	Rodney Gabriel	60°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4053	Lusk Deep Unit A 23H Battery	07/05/2018	15:00	15:30	Rodney Gabriel	89°F	Partly Cloudy	E 21 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4054	Lusk Deep Unit A 25H Battery	01/08/2018	17:00	17:30	Rodney Gabriel	61°F	Partly Cloudy	SSE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4054	Lusk Deep Unit A 25H Battery	07/05/2018	14:30	15:00	Rodney Gabriel	89°F	Partly Cloudy	E 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4055	Lychee BWS State Com 1A Battery	02/11/2018	10:30	11:00	Rodney Gabriel	27°F	Clear	N 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4055	Lychee BWS State Com 1A Battery	07/26/2018	06:00	06:30	Rodney Gabriel	72°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4056	Macho Nacho State Com 10H Battery	03/03/2018	13:30	14:00	Rodney Gabriel	75°F	Clear	SSW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4057	Man State 2H Battery	03/05/2018	10:30	11:00	Rodney Gabriel	52°F	Partly Cloudy	N 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4057	Man State 2H Battery	07/12/2018	08:00	08:30	Rodney Gabriel	78°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4058	Mas Federal 3H Battery	03/05/2018	14:30	15:00	Rodney Gabriel	60°F	Partly Cloudy	N 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4058	Mas Federal 3H Battery	07/10/2018	08:30	09:00	Rodney Gabriel	70°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	07/20/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4059	Mastiff Federal 3H Battery	03/02/2018	15:00	15:30	Rodney Gabriel	62°F	Clear	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Valve	1	N/A	N/A	N/A	N/A	N/A	N/A	03/13/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4059	Mastiff Federal 3H Battery	07/27/2018	09:00	09:30	Rodney Gabriel	79°F	Partly Cloudy	ESE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4060	McIntyre DK Federal 15	12/09/2017	09:30	10:00	Rodney Gabriel	32°F	Partly Cloudy	NNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4060	McIntyre DK Federal 15	06/07/2018	15:30	16:00	Rodney Gabriel	100°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4061	Monet Federal 3H Battery	03/06/2018	09:00	09:30	Rodney Gabriel	48°F	Partly Cloudy	NNW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4062	Music Master 27 Federal 3H Battery	11/14/2017	09:30	10:00	Rodney Gabriel	60°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4062	Music Master 27 Federal 3H Battery	05/06/2018	07:30	08:00	Rodney Gabriel	65°F	Partly Cloudy	SW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4063	Myox 5 State Com 22H Battery	08/15/2017	09:00	09:30	Rodney Gabriel	77°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4063	Myox 5 State Com 22H Battery	03/02/2018	12:30	13:00	Rodney Gabriel	60°F	Clear	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4063	Myox 5 State Com 22H Battery	07/24/2018	12:00	12:30	Rodney Gabriel	90°F	Partly Cloudy	ESE 8 MPH	Opgal EyeCGas OGI Camera	None	HT-02 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	08/01/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4064	Myox 6 State Com 3H Battery	10/25/2017	08:00	08:30	Rodney Gabriel	40°F	Clear	SW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4064	Myox 6 State Com 3H Battery	04/11/2018	17:30	18:00	Rodney Gabriel	95°F	Partly Cloudy	WSW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4065	Newcastle 6 Federal Com 7H	12/09/2017	08:00	08:30	Rodney Gabriel	29°F	Partly Cloudy	N 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4065	Newcastle 6 Federal Com 7H	06/07/2018	14:00	14:30	Rodney Gabriel	98°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experienre
4066	Pan Head Fee 13H Battery	12/09/2017	13:00	13:30	Rodney Gabriel	63°F	Partly Cloudy	NW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4066	Pan Head Fee 13H Battery	06/07/2018	08:00	08:30	Rodney Gabriel	73°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4067	Pan Head Fee 4H Battery	12/09/2017	12:30	13:00	Rodney Gabriel	62°F	Partly Cloudy	NW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4067	Pan Head Fee 4H Battery	06/07/2018	08:30	09:00	Rodney Gabriel	74°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4068	Patron 23 Federal 4H Battery	03/03/2018	10:30	11:00	Rodney Gabriel	63°F	Clear	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4069	Pilum 15 Fee 2H	12/08/2017	11:00	11:30	Rodney Gabriel	42°F	Partly Cloudy	NNW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4069	Pilum 15 Fee 2H	07/05/2018	10:30	11:00	Rodney Gabriel	86°F	Partly Cloudy	E 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4070	Pinto 36 State Com 1H	09/04/2017	14:30	15:00	Rodney Gabriel	87°F	Clear	SE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4070	Pinto 36 State Com 1H	04/11/2018	09:00	09:30	Rodney Gabriel	52°F	Partly Cloudy	SSE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4071	Pinto 36 State Com 4H	08/01/2017	16:30	17:00	Rodney Gabriel	83°F	Partly Cloudy	ENE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4071	Pinto 36 State Com 4H	03/04/2018	09:00	09:30	Rodney Gabriel	50°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4071	Pinto 36 State Com 4H	07/27/2018	12:00	12:30	Rodney Gabriel	87°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4072	Populus Federal 3H Battery	08/15/2017	11:00	11:30	Rodney Gabriel	79°F	Partly Cloudy	ENE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4072	Populus Federal 3H Battery	03/23/2018	11:45	12:15	Rodney Gabriel	75°F	Partly Cloudy	S 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4072	Populus Federal 3H Battery	07/24/2018	08:30	09:00	Rodney Gabriel	81°F	Partly Cloudy	ENE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4073	Puckett 13 Federal Com 35H	12/09/2017	11:30	12:00	Rodney Gabriel	62°F	Partly Cloudy	NW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4073	Puckett 13 Federal Com 35H	06/07/2018	07:00	07:30	Rodney Gabriel	71°F	Partly Cloudy	SSE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4074	Puckett 13 Federal Com 8H	12/09/2017	12:00	12:30	Rodney Gabriel	62°F	Partly Cloudy	NW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4074	Puckett 13 Federal Com 8H	06/07/2018	07:30	08:00	Rodney Gabriel	72°F	Partly Cloudy	SE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4075	Queso State 1H Battery	03/03/2018	15:00	15:30	Rodney Gabriel	76°F	Clear	SSW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4076	Queso State 3H and 5H Battery	03/03/2018	15:30	16:00	Rodney Gabriel	76°F	Clear	SSW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4077	Ragnar Federal	12/01/2017	15:00	15:30	Rodney Gabriel	67°F	Partly Cloudy	SSW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4077	Ragnar Federal	06/07/2018	06:00	06:30	Rodney Gabriel	69°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4078	Raspberry State 1H Battery	02/11/2018	09:00	09:30	Rodney Gabriel	24°F	Partly Cloudy	N 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4079	Red Raider BKS State #1	08/16/2017	14:15	14:45	Rodney Gabriel	93°F	Clear	NNW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4079	Red Raider BKS State #1	03/06/2018	08:30	09:00	Rodney Gabriel	45°F	Partly Cloudy	N 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4080	Resolver Fed Com 2H Battery	08/02/2017	15:30	16:00	Rodney Gabriel	82°F	Partly Cloudy	NE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4080	Resolver Fed Com 2H Battery	03/02/2018	16:00	16:30	Rodney Gabriel	70°F	Clear	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4080	Resolver Fed Com 2H Battery	07/27/2018	09:30	10:00	Rodney Gabriel	80°F	Partly Cloudy	SE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4081	Road Runner CTB	01/02/2018	14:30	15:00	Rodney Gabriel	30°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4081	Road Runner CTB	06/13/2018	11:30	12:00	Rodney Gabriel	90°F	Partly Cloudy	ESE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4082	Sam Adams 12 Federal Com 4H	12/08/2017	14:00	14:30	Rodney Gabriel	54°F	Partly Cloudy	NNW 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4082	Sam Adams 12 Federal Com 4H	06/07/2018	13:30	14:00	Rodney Gabriel	98°F	Partly Cloudy	W 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4083	Scooter Federal Com 2H	02/11/2018	06:00	06:30	Rodney Gabriel	18°F	Partly Cloudy	WSW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4083	Scooter Federal Com 2H	07/12/2018	14:30	15:00	Rodney Gabriel	89°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4084	Screech Owl CTB	08/16/2017	12:00	12:30	Rodney Gabriel	84°F	Clear	NNW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4084	Screech Owl CTB	03/02/2018	13:30	14:00	Rodney Gabriel	65°F	Clear	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4084	Screech Owl CTB	07/24/2018	09:00	09:30	Rodney Gabriel	82°F	Partly Cloudy	NE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4085	Sherman 4 Fee 6H	12/08/2017	10:00	10:30	Rodney Gabriel	35°F	Partly Cloudy	NNW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4085	Sherman 4 Fee 6H	07/05/2018	09:30	10:00	Rodney Gabriel	84°F	Partly Cloudy	E 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4086	Shiner Bock 1 Federal Com 8H	12/09/2017	11:00	11:30	Rodney Gabriel	60°F	Partly Cloudy	NW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4086	Shiner Bock 1 Federal Com 8H	06/07/2018	06:30	07:00	Rodney Gabriel	70°F	Partly Cloudy	SSE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4087	Sitka BSI State Com 1H	01/09/2018	09:00	09:30	Rodney Gabriel	47°F	Partly Cloudy	WSW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4087	Sitka BSI State Com 1H	07/10/2018	12:00	12:30	Rodney Gabriel	77°F	Partly Cloudy	SE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4088	Skelly Unit 942 Battery	11/15/2017	08:00	08:30	Rodney Gabriel	52°F	Clear	NNE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4088	Skelly Unit 942 Battery	04/03/2018	15:00	15:30	Rodney Gabriel	86°F	Partly Cloudy	NW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4089	Skull Cap Fed Com 22H Battery	08/02/2017	16:30	17:00	Rodney Gabriel	86°F	Partly Cloudy	NE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4089	Skull Cap Fed Com 22H Battery	03/06/2018	10:00	10:30	Rodney Gabriel	55°F	Partly Cloudy	N 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4089	Skull Cap Fed Com 22H Battery	07/09/2018	12:30	13:00	Rodney Gabriel	84°F	Mostly Cloudy	E 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4090	SL East 30 Federal 2H Battery	01/08/2018	18:00	18:30	Rodney Gabriel	60°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(iii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4090	SL East 30 Federal 2H Battery	07/05/2018	15:30	16:00	Rodney Gabriel	89°F	Partly Cloudy	E 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4091	Smalls Federal 1H Battery	09/06/2017	09:00	10:00	Rodney Gabriel	64°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4091	Smalls Federal 1H Battery	03/24/2018	10:00	10:30	Rodney Gabriel	68°F	Partly Cloudy	NE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4091	Smalls Federal 1H Battery	07/26/2018	07:30	08:00	Rodney Gabriel	76°F	Partly Cloudy	SE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4092	Sneed 9 Federal Com 2H	12/01/2017	16:30	17:00	Rodney Gabriel	65°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4092	Sneed 9 Federal Com 2H	04/03/2018	12:30	13:00	Rodney Gabriel	79°F	Partly Cloudy	NW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4093	Sombrero Federal Com 4H Battery	08/02/2017	12:30	13:00	Rodney Gabriel	79°F	Partly Cloudy	NNE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4093	Sombrero Federal Com 4H Battery	03/06/2018	09:30	10:00	Rodney Gabriel	54°F	Partly Cloudy	NNW 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4094	Spruce Goose Federal Com 3H Battery	01/08/2018	16:30	17:00	Rodney Gabriel	63°F	Partly Cloudy	SSE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4094	Spruce Goose Federal Com 3H Battery	07/05/2018	13:30	14:00	Rodney Gabriel	88°F	Partly Cloudy	E 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4095	Stealth Federal Com 4H Battery	03/06/2018	07:30	08:00	Rodney Gabriel	30°F	Partly Cloudy	N 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4095	Stealth Federal Com 4H Battery	07/10/2018	14:30	15:00	Rodney Gabriel	90°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4096	Stonewall 9 Fee 1H	12/08/2017	09:00	09:30	Rodney Gabriel	30°F	Partly Cloudy	W 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4096	Stonewall 9 Fee 1H	07/05/2018	08:30	09:00	Rodney Gabriel	80°F	Partly Cloudy	ESE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4097	Stonewall 9 Fee 8H	12/08/2017	09:30	10:00	Rodney Gabriel	31°F	Partly Cloudy	NW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4097	Stonewall 9 Fee 8H	07/05/2018	09:00	09:30	Rodney Gabriel	82°F	Partly Cloudy	ESE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4098	Stove Pipe Federal Com 2H	01/07/2018	10:00	10:30	Rodney Gabriel	53°F	Partly Cloudy	W 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4098	Stove Pipe Federal Com 2H	07/09/2018	13:30	14:00	Rodney Gabriel	85°F	Partly Cloudy	ESE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4099	Stratosphere 36 State Com 3H	01/09/2018	08:30	09:00	Rodney Gabriel	44°F	Partly Cloudy	WSW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4099	Stratosphere 36 State Com 3H	07/10/2018	11:00	11:30	Rodney Gabriel	74°F	Partly Cloudy	SE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4100	Switchback State 21H Battery	08/16/2017	08:00	08:30	Rodney Gabriel	71°F	Clear	NNE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4100	Switchback State 21H Battery	03/23/2018	07:30	08:00	Rodney Gabriel	53°F	Partly Cloudy	SSW 3 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	04/03/2028	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4100	Switchback State 21H Battery	07/24/2018	07:00	07:30	Rodney Gabriel	77°F	Partly Cloudy	NNE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4101	Tarpan 33 Fee 4H	12/08/2017	10:30	11:00	Rodney Gabriel	39°F	Partly Cloudy	NNW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4101	Tarpan 33 Fee 4H	07/05/2018	10:00	10:30	Rodney Gabriel	85°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4102	Tyrell Fee 1H	08/02/2017	13:00	13:30	Rodney Gabriel	81°F	Partly Cloudy	NNE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4102	Tyrell Fee 1H	02/22/2018	15:30	16:00	Rodney Gabriel	48°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4103	Vast State 2H Battery	10/05/2017	09:45	10:15	Rodney Gabriel	71°F	Partly Cloudy	SE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4103	Vast State 2H Battery	03/25/2018	09:45	10:15	Rodney Gabriel	59°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4104	Viking Helmet State Com 2H Battery	01/07/2018	11:00	11:30	Rodney Gabriel	55°F	Partly Cloudy	WNW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4104	Viking Helmet State Com 2H Battery	07/09/2018	14:00	14:30	Rodney Gabriel	82°F	Partly Cloudy	ESE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4105	Warbler State Com 2Y Battery	02/11/2018	08:00	08:30	Rodney Gabriel	23°F	Partly Cloudy	N 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4106	West Pearl 36 CTB	01/09/2018	07:30	08:00	Rodney Gabriel	40°F	Partly Cloudy	W 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4106	West Pearl 36 CTB	07/10/2018	07:00	07:30	Rodney Gabriel	67°F	Partly Cloudy	E 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3071	Armstrong 2823H - OFFSITE	10/30/2017	15:30	16:00	Rodney Gabriel	60°F	Partly Cloudy	N 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3071	Armstrong 2823H - OFFSITE	05/09/2018	09:00	09:30	Rodney Gabriel	60°F	Partly Cloudy	N 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3072	Big Chief 35 (Ridgeway)	07/02/2018	05:30	06:30	Rodney Gabriel	90°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3073	Brass Monkey 804H 851H 801H OFFSITE	06/12/2018	08:30	09:00	Rodney Gabriel	75°F	Partly Cloudy	ESE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3074	Brass Monkey 874H 853H 805H OFFSITE	06/12/2018	07:30	08:00	Rodney Gabriel	73°F	Partly Cloudy	ESE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3075	Brass Monkey Battery	12/11/2017	08:00	09:00	Rodney Gabriel	30°F	Partly Cloudy	WSW 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3075	Brass Monkey Battery	06/12/2018	08:00	08:30	Rodney Gabriel	73°F	Partly Cloudy	ESE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3076	Carpenter 205H Battery	09/21/2017	08:00	09:00	Rodney Gabriel	70°F	Partly Cloudy	SSE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3076	Carpenter 205H Battery	03/23/2018	14:00	14:30	Rodney Gabriel	89°F	Partly Cloudy	WSW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3076	Carpenter 205H Battery	07/23/2018	10:30	11:00	Rodney Gabriel	88°F	Partly Cloudy	NE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3077	Carpenter C Unit 207H Offsite	07/01/2018	11:00	11:30	Rodney Gabriel	96°F	Partly Cloudy	N 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3078	Carpenter E Unit 227H - OFFSITE	11/05/2017	14:00	14:30	Rodney Gabriel	86°F	Partly Cloudy	W 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3078	Carpenter E Unit 227H - OFFSITE	05/06/2018	15:00	15:30	Rodney Gabriel	90°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3079	Carpenter F Unit 226H - OFFSITE	11/05/2017	13:30	14:00	Rodney Gabriel	86°F	Partly Cloudy	W 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3079	Carpenter F Unit 226H - OFFSITE	05/06/2018	14:00	14:30	Rodney Gabriel	90°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3080	Chute Buster 622H - OFFSITE	10/30/2017	12:00	12:30	Rodney Gabriel	55°F	Partly Cloudy	NNW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3080	Chute Buster 622H - OFFSITE	05/08/2018	14:30	15:00	Rodney Gabriel	93°F	Partly Cloudy	SE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3081	Chute Buster 623H - OFFSITE	10/30/2017	11:30	12:00	Rodney Gabriel	55°F	Partly Cloudy	NNW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3081	Chute Buster 623H - OFFSITE	05/08/2018	14:00	14:30	Rodney Gabriel	92°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3082	Currie 34	06/03/2018	09:30	10:30	Rodney Gabriel	81°F	Partly Cloudy	ENE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3083	Elbow Down 823H Battery	07/24/2018	14:30	15:00	Rodney Gabriel	93°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3084	Graham 33-35 1H Battery	08/28/2017	13:00	14:00	Rodney Gabriel	82°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3085	Grissom 18 North CTB	07/23/2018	10:00	10:30	Rodney Gabriel	85°F	Partly Cloudy	NE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3086	Grissom 1821H - OFFSITE	10/30/2017	14:30	15:00	Rodney Gabriel	57°F	Partly Cloudy	N 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3086	Grissom 1821H - OFFSITE	05/09/2018	08:30	09:00	Rodney Gabriel	60°F	Partly Cloudy	E 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3087	Grissom 1823H - OFFSITE	10/30/2017	14:00	14:30	Rodney Gabriel	57°F	Partly Cloudy	N 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3087	Grissom 1823H - OFFSITE	05/09/2018	08:00	08:30	Rodney Gabriel	60°F	Partly Cloudy	E 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3088	Grissom 3021H - OFFSITE	11/05/2017	17:00	17:30	Rodney Gabriel	86°F	Partly Cloudy	WSW 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3088	Grissom 3021H - OFFSITE	05/09/2018	11:30	12:00	Rodney Gabriel	77°F	Partly Cloudy	N 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3089	Grissom 3022H Battery	12/10/2017	14:30	15:30	Rodney Gabriel	57°F	Partly Cloudy	NW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3089	Grissom 3022H Battery	05/09/2018	11:00	11:30	Rodney Gabriel	72°F	Clear	N 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3090	Grissom 3023H - OFFSITE	10/30/2017	15:00	15:30	Rodney Gabriel	59°F	Partly Cloudy	N 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3090	Grissom 3023H - OFFSITE	05/09/2018	10:30	11:00	Rodney Gabriel	64°F	Partly Cloudy	N 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3091	Hoefs Ranch State 64-1 - Uncompaghre	07/11/2018	07:00	07:30	Rodney Gabriel	65°F	Partly Cloudy	SSE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3092	Hollywood Battery	10/13/2017	16:00	17:00	Rodney Gabriel	92°F	Partly Cloudy	E 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3092	Hollywood Battery	05/07/2018	09:00	09:30	Rodney Gabriel	67°F	Partly Cloudy	CALM	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(iii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3093	Horn Splitter 1004H - OFFSITE	10/30/2017	12:30	13:00	Rodney Gabriel	55°F	Partly Cloudy	NNW 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3093	Horn Splitter 1004H - OFFSITE	05/08/2018	13:00	13:30	Rodney Gabriel	92°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3094	Intergalactic Battery	02/13/2018	09:00	10:00	Rodney Gabriel	36°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3095	JF Haley	06/09/2018	07:00	08:00	Rodney Gabriel	74°F	Partly Cloudy	S 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3096	Lorena 804H Battery	07/24/2018	15:30	16:00	Rodney Gabriel	94°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3097	Lorena 814H Elbow Down 824H - OFFSITE	07/24/2018	15:00	15:30	Rodney Gabriel	94°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3098	Mabee 24H Battery	01/17/2018	10:00	11:00	Rodney Gabriel	35°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3099	Mabee Wolfcamp	05/18/2018	14:00	15:00	Rodney Gabriel	96°F	Partly Cloudy	SSW 20 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3100	Neal Ranch 38B	02/23/2018	12:30	13:30	Rodney Gabriel	50°F	Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3101	Neal Ranch 57H	06/30/2018	09:00	09:30	Rodney Gabriel	73°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3102	Red Cloud Battery	08/28/2017	08:00	09:00	Rodney Gabriel	66°F	Partly Cloudy	W 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3102	Red Cloud Battery	01/10/2018	10:30	11:00	Rodney Gabriel	66°F	Partly Cloudy	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3103	Roy Parks B	06/30/2018	10:30	11:00	Rodney Gabriel	78°F	Partly Cloudy	S 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3104	Sam Bird 6-3 1H Battery	10/09/2017	06:00	07:00	Rodney Gabriel	63°F	Partly Cloudy	SSW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3104	Sam Bird 6-3 1H Battery	05/07/2018	09:00	09:30	Rodney Gabriel	72°F	Partly Cloudy	CALM	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3105	Shepard 823H	07/23/2018	09:30	10:00	Rodney Gabriel	83°F	Partly Cloudy	NE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3106	The Boss CTB	07/02/2018	06:00	06:30	Rodney Gabriel	73°F	Partly Cloudy	ENE 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3107	The Sphinx Battery	12/11/2017	07:00	08:00	Rodney Gabriel	29°F	Partly Cloudy	WSW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3107	The Sphinx Battery	06/12/2018	07:00	07:30	Rodney Gabriel	71°F	Partly Cloudy	ESE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3108	Timberwolf 1752H 1792H Offsite	06/12/2018	13:00	13:30	Rodney Gabriel	99°F	Partly Cloudy	ESE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3109	TXL-T27	11/10/2017	11:30	12:30	Rodney Gabriel	55°F	Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3109	TXL-T27	05/17/2018	14:00	14:30	Rodney Gabriel	96°F	Partly Cloudy	SSE 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3110	Tycoon C 709H OFFSITE	06/12/2018	09:30	10:00	Rodney Gabriel	82°F	Partly Cloudy	ESE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3111	Tycoon C 710H OFFSITE	06/12/2018	09:00	09:30	Rodney Gabriel	80°F	Partly Cloudy	ESE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3112	Tycoon D 704H OFFSITE	06/12/2018	10:00	10:30	Rodney Gabriel	85°F	Partly Cloudy	ESE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3113	Tycoon D 751H 703H 752H 1052H(E) OFFSITE	06/12/2018	10:30	11:00	Rodney Gabriel	87°F	Partly Cloudy	ESE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3114	Tycoon G 1202H 1252H OFFSITE	06/12/2018	12:00	12:30	Rodney Gabriel	97°F	Partly Cloudy	ESE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3115	Watcha Want Unit Battery	08/04/2017	07:00	08:00	Rodney Gabriel	70°F	Partly Cloudy	ENE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
3115	Watcha Want Unit Battery	01/09/2018	09:30	10:00	Rodney Gabriel	46°F	Partly Cloudy	NNE 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3115	Watcha Want Unit Battery	07/02/2018	10:00	10:30	Rodney Gabriel	90°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3116	Wetherbee 421H - OFFSITE	11/05/2017	15:30	16:00	Rodney Gabriel	85°F	Partly Cloudy	WSW 19 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3116	Wetherbee 421H - OFFSITE	05/06/2018	16:00	16:30	Rodney Gabriel	91°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3117	Wetherbee 422H - OFFSITE	03/03/2018	07:00	07:30	Rodney Gabriel	37°F	Clear	NW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3117	Wetherbee 422H - OFFSITE	07/23/2018	09:00	09:30	Rodney Gabriel	79°F	Partly Cloudy	NE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3118	Wetherbee 423H - OFFSITE	11/05/2017	16:00	16:30	Rodney Gabriel	85°F	Partly Cloudy	WSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3118	Wetherbee 423H - OFFSITE	05/06/2018	18:00	18:30	Rodney Gabriel	88°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3119	Wetherbee 424H - OFFSITE	07/01/2018	11:30	12:00	Rodney Gabriel	94°F	Partly Cloudy	N 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3120	Wetherbee Unit CTB	05/06/2018	16:30	17:30	Rodney Gabriel	91°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
3121	White Crow Battery	04/12/2018	09:00	10:00	Rodney Gabriel	75°F	Partly Cloudy	W 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4107	Azores Federal 29M CTB	05/06/2018	09:00	10:00	Rodney Gabriel	71°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4108	Becknell State Com 3H	10/02/2017	11:00	12:00	Rodney Gabriel	78°F	Partly Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4108	Becknell State Com 3H	03/22/2018	10:30	11:00	Rodney Gabriel	65°F	Partly Cloudy	SW 5 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	03/28/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4108	Becknell State Com 3H	03/22/2018									TS-01 : Elbow	1							03/28/2018				Opgal EyeCGas OGI Camera	

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4108	Becknell State Com 3H	07/27/2018	07:00	07:30	Rodney Gabriel	72°F	Partly Cloudy	ESE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4109	Becknell State Com 4H - OFFSITE	10/31/2017	09:00	09:30	Rodney Gabriel	40°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4109	Becknell State Com 4H - OFFSITE	03/22/2018	11:00	11:30	Rodney Gabriel	67°F	Partly Cloudy	WSW 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4109	Becknell State Com 4H - OFFSITE	07/27/2018	07:30	08:00	Rodney Gabriel	74°F	Partly Cloudy	ESE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4110	Blue Jay Federal 2H - OFFSITE	07/10/2018	08:00	08:30	Rodney Gabriel	69°F	Partly Cloudy	E 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4111	Bobwhite 12 State Com 3H	10/31/2017	08:00	09:00	Rodney Gabriel	39°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4111	Bobwhite 12 State Com 3H	03/22/2018	10:00	10:30	Rodney Gabriel	59°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4111	Bobwhite 12 State Com 3H	07/10/2018	11:30	12:00	Rodney Gabriel	75°F	Partly Cloudy	SE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4112	Bobwhite State Com 12A CTB	07/27/2018	06:30	07:00	Rodney Gabriel	70°F	Partly Cloudy	ESE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4113	Bone Yard 11 Fee 16H	02/10/2018	08:00	09:00	Rodney Gabriel	34°F	Clear	N 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4113	Bone Yard 11 Fee 16H	07/11/2018	14:00	14:30	Rodney Gabriel	92°F	Partly Cloudy	SSW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4114	Burch Keely Satellite A and BKU CTB	08/25/2017	07:00	08:00	Rodney Gabriel	68°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4114	Burch Keely Satellite A and BKU CTB	02/10/2018	11:30	12:00	Rodney Gabriel	37°F	Partly Cloudy	SE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4114	Burch Keely Satellite A and BKU CTB	07/12/2018	10:00	10:30	Rodney Gabriel	81°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4115	Burch Keely Unit 13B	08/25/2017	09:00	10:00	Rodney Gabriel	72°F	Partly Cloudy	ESE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4115	Burch Keely Unit 13B	02/10/2018	12:30	13:00	Rodney Gabriel	41°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4115	Burch Keely Unit 13B	07/12/2018	11:30	12:00	Rodney Gabriel	85°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4116	Burch Keely Unit 19A	08/25/2017	08:00	09:00	Rodney Gabriel	67°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4116	Burch Keely Unit 19A	02/10/2018	12:00	12:30	Rodney Gabriel	40°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4116	Burch Keely Unit 19A	07/25/2018	16:00	16:30	Rodney Gabriel	83°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4117	Burkett 16 State 1 Battery	10/02/2017	10:00	11:00	Rodney Gabriel	68°F	Mostly Cloudy	SSE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4117	Burkett 16 State 1 Battery	03/04/2018	13:00	13:30	Rodney Gabriel	74°F	Clear	SW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4117	Burkett 16 State 1 Battery	07/12/2018	13:00	13:30	Rodney Gabriel	86°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4118	Caverns Federal Com 4H Battery	08/16/2017	09:00	10:00	Rodney Gabriel	80°F	Clear	N 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4118	Caverns Federal Com 4H Battery	02/21/2018	14:30	15:00	Rodney Gabriel	43°F	Clear	ENE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4119	Collier State Battery	08/25/2017	10:00	11:00	Rodney Gabriel	76°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4119	Collier State Battery	02/10/2018	10:30	11:00	Rodney Gabriel	35°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4119	Collier State Battery	07/12/2018	07:00	07:30	Rodney Gabriel	76°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4120	Columbus Fed 21H - OFFSITE	03/24/2018	14:00	14:30	Rodney Gabriel	82°F	Partly Cloudy	SW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4121	Columbus Fed 22H - OFFSITE	03/24/2018	13:30	14:00	Rodney Gabriel	81°F	Partly Cloudy	SW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4122	Columbus Federal CTB	03/24/2018	11:30	12:30	Rodney Gabriel	77°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4123	Columbus Fee 24H - OFFSITE	10/31/2017	12:00	12:30	Rodney Gabriel	48°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4123	Columbus Fee 24H - OFFSITE	03/24/2018	14:30	15:00	Rodney Gabriel	81°F	Partly Cloudy	SW 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4124	Columbus Fee CTB	03/24/2018	12:30	13:30	Rodney Gabriel	79°F	Partly Cloudy	SW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4125	Coonskin Fee 25H - OFFSITE	02/11/2018	12:45	13:00	Rodney Gabriel	40°F	Partly Cloudy	NNE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4126	Coonskin Fee 28C CTB	02/11/2018	11:30	12:30	Rodney Gabriel	32°F	Partly Cloudy	N 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4127	Copperhead 31 Federal Com 21H OFFSITE	07/24/2018	17:00	17:30	Rodney Gabriel	96°F	Partly Cloudy	ESE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4128	Copperhead 31 Fee 20H Battery	05/06/2018	12:30	13:30	Rodney Gabriel	87°F	Partly Cloudy	SSE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4129	Copperhead Fee A 3H 4H Battery	08/15/2017	07:00	08:00	Rodney Gabriel	76°F	Partly Cloudy	E 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4129	Copperhead Fee A 3H 4H Battery	03/03/2018	07:30	08:00	Rodney Gabriel	39°F	Clear	NW 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4129	Copperhead Fee A 3H 4H Battery	06/09/2018	11:00	11:30	Rodney Gabriel	87°F	Partly Cloudy	SSE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4130	Copperhead Fee A 4H - OFFSITE	11/05/2017	13:00	13:30	Rodney Gabriel	83°F	Partly Cloudy	W 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4130	Copperhead Fee A 4H - OFFSITE	05/06/2018	13:30	14:00	Rodney Gabriel	90°F	Partly Cloudy	SSE 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4131	Coronado 35 Federal Battery	08/14/2017	13:00	14:00	Rodney Gabriel	86°F	Clear	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4131	Coronado 35 Federal Battery	02/22/2018	13:30	14:00	Rodney Gabriel	38°F	Partly Cloudy	S 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4131	Coronado 35 Federal Battery	07/09/2018	10:30	11:00	Rodney Gabriel	76°F	Mostly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4132	Craig Federal 36M CTB	12/10/2017	11:30	12:30	Rodney Gabriel	49°F	Partly Cloudy	NE 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4132	Craig Federal 36M CTB	06/13/2018	11:00	11:30	Rodney Gabriel	87°F	Partly Cloudy	ESE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4133	Craig Federal Com 2H 12H - OFFSITE	12/10/2017	10:30	11:00	Rodney Gabriel	48°F	Partly Cloudy	N 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4133	Craig Federal Com 2H 12H - OFFSITE	06/13/2018	10:30	11:00	Rodney Gabriel	85°F	Partly Cloudy	ESE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4134	Dodd Federal Unit 11A	10/01/2017	15:00	16:00	Rodney Gabriel	75°F	Clear	SSE 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4135	Dodd Federal Unit 11A	03/04/2018	11:45	12:15	Rodney Gabriel	72°F	Clear	SW 12 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4134	Dodd Federal Unit 11A	07/12/2018	12:00	12:30	Rodney Gabriel	86°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4135	Duo Sonic 29 Federal Battery	08/14/2017	12:00	13:00	Rodney Gabriel	84°F	Clear	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4135	Duo Sonic 29 Federal Battery	02/22/2018	14:30	15:00	Rodney Gabriel	42°F	Partly Cloudy	S 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4135	Duo Sonic 29 Federal Battery	07/09/2018	10:00	10:30	Rodney Gabriel	75°F	Mostly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4136	Fascinator Fee CTB	12/09/2017	16:00	17:00	Rodney Gabriel	59°F	Partly Cloudy	W 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4136	Fascinator Fee CTB	07/01/2018	08:00	08:30	Rodney Gabriel	79°F	Partly Cloudy	N 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4137	Graham Cracker 2 State 1H - OFFSITE	07/25/2018	10:30	11:00	Rodney Gabriel	88°F	Partly Cloudy	SE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4138	Graham Cracker State 2B CTB	03/23/2018	15:30	16:30	Rodney Gabriel	91°F	Partly Cloudy	SW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4138	Graham Cracker State 2B CTB	07/25/2018	10:00	10:30	Rodney Gabriel	86°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4139	Horned Owl Federal 2H - OFFSITE	07/24/2018	10:00	10:30	Rodney Gabriel	83°F	Partly Cloudy	ENE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4140	Horned Owl Federal 4H - OFFSITE	07/24/2018	10:30	11:00	Rodney Gabriel	84°F	Partly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4141	Jazzbass 34 Federal Battery	08/14/2017	14:00	15:00	Rodney Gabriel	90°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4141	Jazzbass 34 Federal Battery	02/22/2018	14:00	14:30	Rodney Gabriel	40°F	Partly Cloudy	S 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4141	Jazzbass 34 Federal Battery	07/09/2018	11:00	11:30	Rodney Gabriel	77°F	Mostly Cloudy	E 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4142	Mas Federal 34A CTB	05/13/2018	09:30	10:30	Rodney Gabriel	86°F	Partly Cloudy	WNW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4143	Mas Federal 35D CTB	05/13/2018	10:30	11:30	Rodney Gabriel	89°F	Partly Cloudy	W 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4144	Mas Federal 3H - OFFSITE	07/10/2018	09:00	09:30	Rodney Gabriel	71°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4145	Mas Federal 4H - OFFSITE	07/10/2018	09:30	10:00	Rodney Gabriel	71°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4146	Montera Federal 23H Battery	05/06/2018	08:00	09:00	Rodney Gabriel	70°F	Clear	SSW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4147	Myox 20 Fed Com 5H OFFSITE	02/11/2018	16:00	16:30	Rodney Gabriel	43°F	Partly Cloudy	ENE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4147	Myox 20 Fed Com 5H OFFSITE	07/25/2018	07:30	08:00	Rodney Gabriel	78°F	Partly Cloudy	N 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4148	Myox 20 Federal CTB	02/11/2018	15:30	16:30	Rodney Gabriel	42°F	Partly Cloudy	NNE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4148	Myox 20 Federal CTB	07/25/2018	07:00	07:30	Rodney Gabriel	77°F	Partly Cloudy	N 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4149	Myox 21 State Com 1H OFFSITE	03/23/2018	10:30	11:00	Rodney Gabriel	60°F	Partly Cloudy	SW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4149	Myox 21 State Com 1H OFFSITE	07/25/2018	09:30	10:00	Rodney Gabriel	85°F	Partly Cloudy	ESE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4150	Myox 21 State Com 4H OFFSITE	03/23/2018	10:00	10:30	Rodney Gabriel	58°F	Partly Cloudy	SW 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4150	Myox 21 State Com 4H OFFSITE	07/25/2018	08:00	08:30	Rodney Gabriel	79°F	Partly Cloudy	E 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4151	Myox 5 State 23H - OFFSITE	10/25/2017	08:30	09:00	Rodney Gabriel	42°F	Clear	SSW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4151	Myox 5 State 23H - OFFSITE	04/11/2018	17:00	17:30	Rodney Gabriel	94°F	Partly Cloudy	SSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4152	Myox 6 State 2H - OFFSITE	10/25/2017	08:00	08:30	Rodney Gabriel	50°F	Clear	SW 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4152	Myox 6 State 2H - OFFSITE	04/11/2018	18:00	18:30	Rodney Gabriel	94°F	Partly Cloudy	WSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4153	Myox State Com 21N CTB	03/23/2018	11:00	11:30	Rodney Gabriel	65°F	Partly Cloudy	SW 10 MPH	Opgal EyeCGas OGI Camera	None	KR-430 : Bleed screw	1	N/A	N/A	N/A	N/A	N/A	N/A	03/28/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4153	Myox State Com 21N CTB	07/25/2018	09:00	09:30	Rodney Gabriel	83°F	Partly Cloudy	ESE 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4154	Myox State Com 21P CTB	03/23/2018	09:00	10:00	Rodney Gabriel	55°F	Partly Cloudy	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4154	Myox State Com 21P CTB	07/25/2018	08:30	09:00	Rodney Gabriel	80°F	Partly Cloudy	E 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4155	Nelson Federal Com 13H Battery	09/05/2017	15:00	16:00	Rodney Gabriel	78°F	Clear	NE 15 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4155	Nelson Federal Com 13H Battery	03/05/2018	06:30	07:00	Rodney Gabriel	43°F	Partly Cloudy	N 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4155	Nelson Federal Com 13H Battery	07/12/2018	13:45	14:15	Rodney Gabriel	86°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4156	Populus Federal 2H - OFFSITE	03/23/2018	12:15	12:45	Rodney Gabriel	75°F	Partly Cloudy	S 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4156	Populus Federal 2H - OFFSITE	07/24/2018	08:00	08:30	Rodney Gabriel	80°F	Partly Cloudy	NNE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4157	Ringo 32 Federal CTB	05/13/2018	15:00	16:00	Rodney Gabriel	92°F	Partly Cloudy	W 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4158	Road Runner Federal Com 2H 12H Battery	01/02/2018	15:00	16:00	Rodney Gabriel	31°F	Partly Cloudy	S 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4158	Road Runner Federal Com 2H 12H Battery	06/13/2018	12:00	12:30	Rodney Gabriel	91°F	Partly Cloudy	ESE 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4159	Roadster State Com 1H	04/11/2018	12:00	13:00	Rodney Gabriel	74°F	Partly Cloudy	SSW 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4160	Sidewinder Federal Com 4H Battery	09/21/2017	07:00	08:00	Rodney Gabriel	64°F	Partly Cloudy	S 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4160	Sidewinder Federal Com 4H Battery	04/11/2018	19:00	19:30	Rodney Gabriel	90°F	Partly Cloudy	WSW 16 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4161	Smalls Fed 7H - OFFSITE	03/24/2018	10:30	11:00	Rodney Gabriel	68°F	Partly Cloudy	NW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4161	Smalls Fed 7H - OFFSITE	07/26/2018	07:00	07:30	Rodney Gabriel	74°F	Partly Cloudy	SE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4162	Smalls Federal 2H Battery	07/26/2018	08:00	08:30	Rodney Gabriel	77°F	Partly Cloudy	SE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4163	SRO State Com 30H - OFFSITE	07/25/2018	11:30	12:00	Rodney Gabriel	90°F	Partly Cloudy	SE 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4164	SRO State Com 41H - OFFSITE	11/16/2017	08:30	09:00	Rodney Gabriel	54°F	Cloudy	S 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4164	SRO State Com 41H - OFFSITE	04/11/2018	16:30	17:00	Rodney Gabriel	93°F	Partly Cloudy	SSW 18 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4165	SRO State Unit 20H Battery	11/16/2017	08:00	08:30	Rodney Gabriel	53°F	Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12/05/2017	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4165	SRO State Unit 20H Battery	11/16/2017									FW-01 : Valve	1								12/05/2017				Opgal EyeCGas OGI Camera	
4165	SRO State Unit 20H Battery	04/11/2018	16:00	16:30	Rodney Gabriel	90°F	Partly Cloudy	WSW 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4166	SRO State Unit 53H Battery	10/25/2017	09:30	10:30	Rodney Gabriel	50°F	Clear	W 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4166	SRO State Unit 53H Battery	03/23/2018	13:00	13:30	Rodney Gabriel	80°F	Partly Cloudy	WSW 17 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4166	SRO State Unit 53H Battery	07/25/2018	11:00	11:30	Rodney Gabriel	86°F	Partly Cloudy	SE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4167	Stratojet 31 State Com 3H	05/13/2018	08:30	09:30	Rodney Gabriel	78°F	Partly Cloudy	W 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4168	Switchback State 21H - OFFSITE	10/25/2017	07:30	08:00	Rodney Gabriel	36°F	Clear	NW 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4168	Switchback State 21H - OFFSITE	03/22/2018	08:00	08:30	Rodney Gabriel	53°F	Partly Cloudy	WSW 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4168	Switchback State 21H - OFFSITE	07/24/2018	07:30	08:00	Rodney Gabriel	79°F	Partly Cloudy	NNE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4169	Talco 9 26 35 Federal 3H Battery	05/14/2018	13:00	13:30	Rodney Gabriel	86°F	Partly Cloudy	NE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4170	Tankless Federal 35B CTB	03/22/2018	14:00	15:00	Rodney Gabriel	83°F	Partly Cloudy	S 3 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4170	Tankless Federal 35B CTB	07/27/2018	08:00	08:30	Rodney Gabriel	76°F	Partly Cloudy	SE 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4171	Tenderloin Federal Com 4H Battery	02/11/2018	09:30	10:00	Rodney Gabriel	29°F	Partly Cloudy	N 5 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Flange	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	02/23/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4171	Tenderloin Federal Com 4H Battery	07/26/2018	06:30	07:00	Rodney Gabriel	73°F	Partly Cloudy	SE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4172	Tumak Federal 3 Battery	12/03/2017	09:00	10:00	Rodney Gabriel	56°F	Partly Cloudy	SSE 4 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4172	Tumak Federal 3 Battery	06/07/2018	10:30	11:00	Rodney Gabriel	84°F	Partly Cloudy	WSW 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4173	Vast East CTB	10/01/2017	12:00	13:00	Rodney Gabriel	71°F	Partly Cloudy	SSE 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4173	Vast East CTB	03/25/2018	08:45	09:15	Rodney Gabriel	58°F	Partly Cloudy	S 6 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Weir	1	N/A	N/A	N/A	N/A	N/A	N/A	04/03/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4173	Vast East CTB	03/25/2018									HT-03 : Weir	1							04/03/2018				Opgal EyeCGas OGI Camera	
4173	Vast East CTB	03/25/2018									FW-02 : Flange	1							04/03/2018				Opgal EyeCGas OGI Camera	
4174	Vast State 21H 22H 23H - OFFSITE	12/09/2017	15:00	15:30	Rodney Gabriel	60°F	Partly Cloudy	W 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4174	Vast State 21H 22H 23H - OFFSITE	07/03/2018	10:00	10:30	Rodney Gabriel	84°F	Partly Cloudy	SSE 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4175	Vast State 24H 25H 26H - OFFSITE	01/24/2018	09:30	10:00	Rodney Gabriel	41°F	Clear	SE 2 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4175	Vast State 24H 25H 26H - OFFSITE	07/03/2018	10:30	11:00	Rodney Gabriel	86°F	Partly Cloudy	S 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4176	Vast West CTB	10/01/2017	13:00	14:00	Rodney Gabriel	73°F	Partly Cloudy	SSE 11 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4176	Vast West CTB	03/25/2018	09:15	09:45	Rodney Gabriel	59°F	Partly Cloudy	S 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4177	Viking Helmet CTB	10/31/2017	14:00	15:00	Rodney Gabriel	56°F	Partly Cloudy	S 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4177	Viking Helmet CTB	03/05/2018	17:00	17:30	Rodney Gabriel	68°F	Partly Cloudy	ENE 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4178	White Falcon 16 Federal CTB	07/26/2018	11:30	12:30	Rodney Gabriel	82°F	Partly Cloudy	NE 15 MPH	Opgal EyeCGas OGI Camera	None	HT-04 : Valve	1	N/A	N/A	N/A	N/A	N/A	N/A	08/06/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4178	White Falcon 16 Federal CTB	07/26/2018									TK-01 : Flange	1							08/06/2018				Opgal EyeCGas OGI Camera	
4178	White Falcon 16 Federal CTB	07/26/2018									SP-06 : Valve	1							08/06/2018				Opgal EyeCGas OGI Camera	
4179	White Falcon 16 State 1H Battery	08/14/2017	11:00	12:00	Rodney Gabriel	83°F	Clear	S 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4179	White Falcon 16 State 1H Battery	02/22/2018	13:00	13:30	Rodney Gabriel	38°F	Partly Cloudy	S 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4179	White Falcon 16 State 1H Battery	07/26/2018	14:00	14:30	Rodney Gabriel	82°F	Partly Cloudy	NE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4180	White Falcon State 16D CTB	07/26/2018	13:00	14:00	Rodney Gabriel	82°F	Partly Cloudy	NE 15 MPH	Opgal EyeCGas OGI Camera	None	HT-01 : Valve	1	N/A	N/A	N/A	N/A	N/A	N/A	08/06/2018	N/A	N/A	N/A	Opgal EyeCGas OGI Camera	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4180	White Falcon State 16D CTB	07/26/2018									FL-01 : Piping	1							08/06/2018				Opgal EyeCGas OGI Camera	
4181	Windward East Battery	10/02/2017	15:00	16:00	Rodney Gabriel	85°F	Partly Cloudy	SSE 13 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4181	Windward East Battery	04/06/2018	07:30	08:00	Rodney Gabriel	53°F	Partly Cloudy	SW 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4182	Windward Federal 2H Battery	09/19/2017	08:00	09:00	Rodney Gabriel	76°F	Partly Cloudy	S 9 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC
NSPS OOOOa Annual Report
Fugitive Components

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(ii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))
4182	Windward Federal 2H Battery	04/06/2018	09:00	09:30	Rodney Gabriel	60°F	Partly Cloudy	SW 10 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4183	Windward Federal 5H 6H - Separation equip removed	10/25/2017	13:00	13:30	Rodney Gabriel	70°F	Clear	SSW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4183	Windward Federal 5H 6H - Separation equip removed	04/06/2018	07:00	07:30	Rodney Gabriel	52°F	Partly Cloudy	SW 5 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4184	Windward Federal 7H 8H - OFFSITE	10/25/2017	13:30	14:00	Rodney Gabriel	70°F	Clear	SSW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4184	Windward Federal 7H 8H - OFFSITE	04/06/2018	08:30	09:00	Rodney Gabriel	58°F	Partly Cloudy	SW 8 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4185	Windward West Battery	10/02/2017	16:00	17:00	Rodney Gabriel	85°F	Partly Cloudy	SSE 14 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4185	Windward West Battery	04/06/2018	08:00	08:30	Rodney Gabriel	55°F	Partly Cloudy	SW 7 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience
4186	Zeppo 5 Federal Com 25H	06/06/2018	05:00	05:30	Rodney Gabriel	70°F	Partly Cloudy	SE 6 MPH	Opgal EyeCGas OGI Camera	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Guardian Compliance LDAR training and certification, FLIR Quad Oa training and certification, 5+ years experience

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Azores Fed 29M CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Bobwhite 12 State Com 3H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Bone Yard 11 Fee 16H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Collier State Battery

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Columbus Fed CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Columbus Fee CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Coonskin Fee 28C CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Copperhead 31 Fee 20H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Craig Federal CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Fascinator Fee CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Graham Cracker State 2P CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Mas Fed 34A CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Mas Fed 35D CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Montera Federal 23H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Myox Fed 20B CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Myox State Com 21N CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Myox State Com 21P CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Nelson Federal 13H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Ringo Federal 32G

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Roadrunner Fed 2 & 12 CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Roadster State Com 1H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Smalls Federal 2H Battery

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: SRO State Com 20H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: SRO State Com 53H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Stratojet 31 State Com 3H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Tankless Federal 35P CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Tenderloin Fed Com 4H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Tumak Federal 3

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Vast East CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/8/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Vast West CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: White Falcon Federal CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: White Falcon State CTB

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

COG Operating, LLC

NSPS OOOOa – Closed Vent System Design Certification per 40 CFR 60.5416(d)(1)(i)

Facility Name: Zeppo 5 Fed Com 25H

I certify that the closed vent system design and capacity assessment was prepared under my direction or supervision. I further certify that the closed vent system design and capacity assessment was conducted, and this report was prepared pursuant to the requirements of Subpart OOOOa of 40 CFR Part 60. Based on my professional knowledge and experience, and inquiry of personnel involved in the assessment, the certification submitted herein is true, accurate and complete. I am aware there are penalties for knowingly submitting false information.

Date: 10/3/2018

PE Certification: NM 16024

JENNIFER KNOWLTON
NEW MEXICO
16024
LICENSED PROFESSIONAL ENGINEER

Jennifer Knowlton