EnLink Midstream Services, L.L.C.
Silver Compressor Station
Facility Emissions Summary - Annual

Unit ID	Description	NOx	CO	VOC	SO_2	PM	H_2S	HCHO	HAP	CO_2e
		TPY	TPY	TPY	TPY	TPY	TPY	TPY	TPY	TPY
C-302	4,735-hp Caterpillar G3616 TALE Engine	22.86	22.63	8.76	0.09	1.55	--	2.14	3.10	23,231.82
C-306	3.550-hp Caterpillar G3612 TALE Engine	17.14	17.91	11.94	0.07	1.17	--	1.69	2.41	17,482.72
C-304	4,735-hp Caterpillar G3616 TALE Engine	22.86	22.63	8.76	0.09	1.55	--	2.14	3.10	23,231.82
C-305	3,550-hp Caterpillar G3612 TALE Engine	17.14	17.91	11.94	0.07	1.17	--	1.69	2.41	17,482.72
C-301	***4,735-hp Caterpillar G3616 TALE Engine - Add***	***22.86***	***22.63***	***8.76***	***0.09***	***1.55***	***--***	***2.14***	***3.10***	***23,231.82***
GEN	3,634-hp Caterpillar G3516 CDITA Generator Engine	10.11	0.82	0.20	0.01	0.39	--	<0.01	0.02	2,031.30
GEN2	***383-hp Winco DR250F4 Generator Engine - Add***	***0.63***	***0.55***	***0.63***	***0.18***	***0.19***	--	***<0.01***	***<0.01***	***100.01***
D-1	***120-MMSCFD Glycol Dehydration Unit - Revise***	***--***	***--***	***7.07***	***--***	***--***	***<0.01***	***--***	***1.54***	***10.48***
H-1	2.50-MMBtu/hr Glycol Reboiler	1.07	0.90	0.06	0.01	0.08	--	<0.01	0.02	1,282.22
COMBUST	***BTEX Combustor - Add***	***0.56***	***2.55***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***1,031.00***
TK-A	***400-bbl Condensate Tank - Revise***	***--***	***--***	***2.10***	***--***	***--***	***--***	***--***	***0.03***	***10.71***
TK-B	***400-bbl Condensate Tank - Revise***	***--***	***--***	***2.10***	***--***	***--***	***--***	***--***	***0.03***	***10.71***
TK-C	***400-bbl Condensate Tank - Revise***	***--***	***--***	***2.10***	***--***	***--***	***--***	***--***	***0.03***	***10.71***
TK-D	***400-bbl Condensate Tank - Revise***	***--***	***--***	***2.10***	***--***	***--***	***--***	***--***	***0.03***	***10.71***
FL-1	***Steffes Tank Flare - Add***	***0.45***	***2.02***	***<0.01***	***<0.01***	***<0.01***	***0.00***	***<0.01***	***<0.01***	***795.28***
L-01	***Condensate Truck Loading - Revise***	***--***	***--***	***14.88***	***--***	***--***	***--***	***--***	***0.50***	***16.51***
METHANOL	210-bbl Methanol Tank	--	--	0.10	--	--	--	--	0.10	--
FUG	***Fugitive Emissions - Revise***	***--***	***--***	***2.67***	***--***	***--***	***<0.01***	***--***	***0.09***	***73.34***
BD	***Miscellaneous Venting and Blowdowns to Atmosphere - Revise***	***--***	***--***	***5.59***	***--***	***--***	***<0.01***	***--***	***0.17***	***583.91***
	Total =	**115.69**	**110.56**	**89.79**	**0.60**	**7.66**	**<0.01**	**9.81**	**16.68**	**110,627.78**

Notes:
1) Per Caterpillar guidance, engine VOC emission factor does not include formaldehyde; therefore, it has been added to this summary to calculate total VOC for this site,

2) Dehydration unit non-condensables will be routed to the BTEX combustor for 98% control efficiency. Unburned VOC and HAP reported at the dehydration unit. Pilot VOC and HAP reported at the BTEX combustor.
3) Condensate tank emissions will be routed to the tank flare for 98% capture and 98% control efficiency. Unburned VOC and HAP reported at the tanks. Pilot VOC and HAP reported at the flare.
4) Miscellaneous venting and blowdowns to atmosphere include, but are not limited to, miscellaneous planned and unplanned venting to atmosphere from pressure relief valves, startup, shut-down, maintenance, compressor blowdowns, pigging actions, and/or pneumatic controllers.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Facility Emissions Summary - Hourly

Unit ID	Description	NOx	CO	VOC	SO_2	PM	H_2S	HCHO	HAP	CO_2e
		lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr
C-302	4,735-hp Caterpillar G3616 TALE Engine	5.22	5.17	2.00	0.02	0.35	--	0.49	0.71	5,304.07
C-306	3.550-hp Caterpillar G3612 TALE Engine	3.91	4.09	2.73	0.02	0.27	--	0.39	0.55	3,991.49
C-304	4,735-hp Caterpillar G3616 TALE Engine	5.22	5.17	2.00	0.02	0.35	--	0.49	0.71	5,304.07
C-305	3,550-hp Caterpillar G3612 TALE Engine	3.91	4.09	2.73	0.02	0.27	--	0.39	0.55	3,991.49
C-301	***4,735-hp Caterpillar G3616 TALE Engine - Add***	***5.22***	***5.17***	***2.00***	***0.02***	***0.35***	***--***	***0.49***	***0.71***	***5,304.07***
GEN	3,634-hp Caterpillar G3516 CDITA Generator Engine	40.46	3.28	0.80	0.03	1.55	--	<0.01	0.09	8,125.20
GEN2	***383-hp Winco DR250F4 Generator Engine - Add***	***2.53***	***2.19***	***2.53***	***0.71***	***0.76***	--	***<0.01***	***0.02***	***400.03***
D-1	***120-MMSCFD Glycol Dehydration Unit - Revise***	***--***	***--***	***1.61***	***--***	***--***	***<0.01***	***--***	***0.35***	***2.39***
H-1	2.50-MMBtu/hr Glycol Reboiler	0.24	0.20	0.01	<0.01	0.02	--	<0.01	<0.01	292.74
COMBUST	***BTEX Combustor - Add***	***0.13***	***0.58***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***<0.01***	***235.39***
TK-A	***400-bbl Condensate Tank - Revise***	***--***	***--***	***0.48***	***--***	***--***	***--***	***--***	***0.01***	***2.45***
TK-B	***400-bbl Condensate Tank - Revise***	***--***	***--***	***0.48***	***--***	***--***	***--***	***--***	***0.01***	***2.45***
TK-C	***400-bbl Condensate Tank - Revise***	***--***	***--***	***0.48***	***--***	***--***	***--***	***--***	***0.01***	***2.45***
TK-D	***400-bbl Condensate Tank - Revise***	***--***	***--***	***0.48***	***--***	***--***	***--***	***--***	***0.01***	***2.45***
FL-1	***Steffes Tank Flare - Add***	***0.10***	***0.46***	***<0.01***	***<0.01***	***<0.01***	***0.00***	***<0.01***	***<0.01***	***181.57***
L-01	***Condensate Truck Loading - Revise***	***--***	***--***	***3.40***	***--***	***--***	***--***	***--***	***0.12***	***3.77***
METHANOL	210-bbl Methanol Tank	--	--	0.02	--	--	--	--	0.02	--
FUG	***Fugitive Emissions - Revise***	***--***	***--***	***0.61***	***--***	***--***	***<0.01***	***--***	***0.02***	***16.75***
BD	***Miscellaneous Venting and Blowdowns to Atmosphere - Revise***	***--***	***--***	***--***	***--***	***--***	***--***	***--***	***--***	***--***
	Total =	**66.95**	**30.41**	**22.37**	**0.84**	**3.93**	**<0.01**	**2.24**	**3.87**	**33,162.79**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Facility Analyses

Component	Molecular Weight	Stream 1 Inlet Gas				Stream 2 Condensate				Stream 3 Flash Gas			
		Mole %	Equiv. Wt. Basis	Weight %	HC Weight %	Mole %	Equiv. Wt. Basis	Weight %	HC Weight %	Mole %	Equiv. Wt. Basis	Weight %	HC Weight %
Hydrogen Sulfide	34.081	0.0002%	0.00	0.00%	-	0.0000%	0.00	0.00%	-	0.0000%	0.00	0.00%	-
Carbon Dioxide	44.010	0.7260%	0.32	1.58%	-	0.0000%	0.00	0.00%	-	0.6520%	0.29	0.77%	-
Nitrogen	28.013	0.4140%	0.12	0.57%	-	0.0000%	0.00	0.00%	-	0.1070%	0.03	0.08%	-
Helium	4.003	0.0000%	0.00	0.00%	-	0.0000%	0.00	0.00%	-	0.0000%	0.00	0.00%	-
Oxygen	31.999	0.0050%	0.00	0.01%	-	0.0000%	0.00	0.00%	-	0.0000%	0.00	0.00%	-
Methane	16.043	82.1270%	13.18	65.26%	66.70%	0.0000%	0.00	0.00%	0.00%	29.5000%	4.73	12.75%	12.86%
Ethane	30.069	10.1120%	3.04	15.06%	15.39%	0.0000%	0.00	0.00%	0.00%	28.3000%	8.51	22.93%	23.13%
Propane	44.096	3.8460%	1.70	8.40%	8.59%	0.4450%	0.20	0.20%	0.20%	21.2000%	9.35	25.19%	25.41%
i-Butane	58.122	0.5240%	0.30	1.51%	1.54%	0.7220%	0.42	0.43%	0.43%	3.0500%	1.77	4.78%	4.82%
n-Butane	58.122	1.1920%	0.69	3.43%	3.51%	3.0400%	1.77	1.80%	1.80%	7.7900%	4.53	12.20%	12.31%
i-Pentane	72.149	0.2960%	0.21	1.06%	1.08%	2.6600%	1.92	1.95%	1.95%	2.2200%	1.60	4.32%	4.35%
n-Pentane	72.149	0.3670%	0.26	1.31%	1.34%	4.7400%	3.42	3.48%	3.48%	2.8800%	2.08	5.60%	5.65%
n-Hexane	86.175	0.1040%	0.09	0.44%	0.45%	2.7100%	2.34	2.38%	2.38%	0.4480%	0.39	1.04%	1.05%
Other Hexanes	86.175	0.1330%	0.11	0.57%	0.58%	0.0000%	0.00	0.00%	0.00%	0.0000%	0.00	0.00%	0.00%
Heptanes	100.202	0.0960%	0.10	0.48%	0.49%	73.4000%	73.55	74.85%	74.85%	3.6200%	3.63	9.78%	9.86%
Benzene	78.114	0.0040%	0.00	0.02%	0.02%	0.8890%	0.69	0.71%	0.71%	0.1490%	0.12	0.31%	0.32%
Toluene	92.141	0.0080%	0.01	0.04%	0.04%	0.1240%	0.11	0.12%	0.12%	0.0059%	0.01	0.01%	0.01%
Ethylbenzene	106.167	0.0000%	0.00	0.00%	0.00%	0.1040%	0.11	0.11%	0.11%	0.0017%	0.00	0.00%	0.00%
Xylenes	106.167	0.0050%	0.01	0.03%	0.03%	0.0733%	0.08	0.08%	0.08%	0.0009%	0.00	0.00%	0.00%
Octanes	114.229	0.0340%	0.04	0.19%	0.20%	1.7500%	2.00	2.03%	2.03%	0.0259%	0.03	0.08%	0.08%
2,2,4-Trimethylpentane	114.231	0.0000%	0.00	0.00%	0.00%	0.0000%	0.00	0.00%	0.00%	0.0000%	0.00	0.00%	0.00%
Nonanes	128.255	0.0050%	0.01	0.03%	0.03%	9.0900%	11.66	11.86%	11.86%	0.0414%	0.05	0.14%	0.14%
Decanes	142.282	0.0020%	0.00	0.01%	0.01%	0.0000%	0.00	0.00%	0.00%	0.0000%	0.00	0.00%	0.00%
Totals =		100.0002%	20.19	100.00%	100.00%	99.7473%	98.26	100.00%	100.00%	99.9918%	37.11	100.00%	100.00%
		Total HC =	**19.75**	**Total VOC =**	**17.90%**	**Total HC =**	**98.26**	**Total VOC =**	**100.00%**	**Total HC =**	**36.79**	**Total VOC =**	**64.01%**
				Total HAP =	**0.53%**			**Total HAP =**	**3.39%**			**Total HAP =**	**1.39%**

Notes:
1) Inlet gas analysis attached. Condensate and flash gas compositions calculated with representative ProMax process simulation.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Information and Manufacturer Emission Factors

Equipment Information					
	C-302	**C-306**	**C-304**	**C-305**	**C-301**
Make	Caterpillar	Caterpillar	Caterpillar	Caterpillar	Caterpillar
Model	G3616 TALE	G3612 TALE	G3616 TALE	G3612 TALE	G3516B
Design Rating (hp)	4,735	3,550	4,735	3,550	4,735
Fuel Consumption (Btu/hp-hr)	7,505	7,533	7,505	7,533	7,505
Fuel Consumption (scfh)	34,636	26,064	34,636	26,064	34,636
Fuel Consumption (mmBtu/hr)	35.54	26.74	35.54	26.74	35.54
Fuel Consumption (scf/yr)	303,408,278	228,324,789	303,408,278	228,324,789	303,408,278
Fuel Heating Value (Btu/scf)	1,026	1,026	1,026	1,026	1,026
Design Class	4S-LB	4S-LB	4S-LB	4S-LB	4S-LB
Controls	Oxidation Catalyst	Oxidation Catalyst	Oxidation Catalyst	Oxidation Catalyst	Oxidation Catalyst
Operating Hours	8,760	8,760	8,760	8,760	8,760
Exhaust Temperature (°F)	856	838	856	838	856
Exhaust Flow (acfm)	32,100	24,088	32,100	24,088	32,100
Exhaust Flow (scfh)	772,742	587,911	772,742	587,911	772,742

Uncontrolled Emission Factors					
	C-302	**C-306**	**C-304**	**C-305**	**C-301**
NOx (g/hp-hr)	0.50	0.50	0.50	0.50	0.50
CO (g/hp-hr)	2.75	2.75	2.75	2.75	2.75
VOC (g/hp-hr)	0.63	0.65	0.63	0.65	0.63
Formaldehyde (g/hp-hr)	0.26	0.26	0.26	0.26	0.26

Control Efficiency					
	C-302	**C-306**	**C-304**	**C-305**	**C-301**
NOx	0.00%	0.00%	0.00%	0.00%	0.00%
CO	82.00%	81.00%	82.00%	81.00%	82.00%
VOC	77.00%	54.00%	77.00%	54.00%	77.00%
Formaldehyde	82.00%	81.00%	82.00%	81.00%	82.00%

Post-Control Emission Factors					
	C-302	**C-306**	**C-304**	**C-305**	**C-301**
NOx (g/hp-hr)	0.5000	0.5000	0.5000	0.5000	0.5000
CO (g/hp-hr)	0.4950	0.5225	0.4950	0.5225	0.4950
VOC (g/hp-hr)	0.1449	0.2990	0.1449	0.2990	0.1449
Formaldehyde (g/hp-hr)	0.0468	0.0494	0.0468	0.0494	0.0468

Notes:
1) Emission factors are from manufacturer data.
2) Oxidation catalyst does not reduce NOx emissions.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine AP-42/EPA Emission Factors

Emission Factors	
	4S-LB
SO_2 (lb/mmBtu)	5.88E-04
$PM_{10/2.5}$ (lb/mmBtu)	7.71E-05
PM_{COND} (lb/mmBtu)	9.91E-03
PM_{TOT} (lb/mmBtu)	9.99E-03
Acetaldehyde (lb/mmBtu)	8.36E-03
Acrolein (lb/mmBtu)	5.14E-03
Benzene (lb/mmBtu)	4.40E-04
Ethylbenzene (lb/mmBtu)	3.97E-05
Methanol (lb/mmBtu)	2.50E-03
n-Hexane (lb/mmBtu)	1.11E-03
Toluene (lb/mmBtu)	4.08E-04
Xylenes (lb/mmBtu)	1.84E-04
Other HAP (lb/mmBtu)	2.32E-03
Carbon Dioxide (CO_2) (kg/mmBtu)	5.31E+01
Methane (CH_4) (kg/mmBtu)	5.22E-01
Nitrous Oxide (N_2O) (kg/mmBtu)	1.00E-04

Control Efficiency	
	4S-LB
HAP	70.00%

Post-Control Emission Factors	
	4S-LB
Acetaldehyde (lb/mmBtu)	2.51E-03
Acrolein (lb/mmBtu)	1.54E-03
Benzene (lb/mmBtu)	1.32E-04
Ethylbenzene (lb/mmBtu)	1.19E-05
Methanol (lb/mmBtu)	7.50E-04
n-Hexane (lb/mmBtu)	3.33E-04
Toluene (lb/mmBtu)	1.22E-04
Xylenes (lb/mmBtu)	5.52E-05
Other HAP (lb/mmBtu)	6.97E-04

Notes:
1) Criteria pollutant and hazardous air pollutant emission factors are from AP-42 Table 3.2-2 (10/24). Greenhouse gas emission factors are from 40 CFR Tables C-1, C-2 and W-7.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Emissions Calculations

Unit ID: **C-302**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions		Operating Hours		Conversion			Annual Emissions	
NOx	5.00E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.22**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**22.86**	**TPY**
CO	4.95E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.17**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**22.63**	**TPY**
VOC	1.45E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**1.51**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**6.63**	**TPY**
SO_2	5.88E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.09**	**TPY**
$PM_{10/2.5}$	7.71E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
PM_{COND}	9.91E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.54**	**TPY**
PM_{TOT}	9.99E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.55**	**TPY**
Acetaldehyde	2.51E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.09**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.39**	**TPY**
Acrolein	1.54E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.05**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.24**	**TPY**
Benzene	1.32E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Ethylbenzene	1.19E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	4.68E-02	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**0.49**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**2.14**	**TPY**
Methanol	7.50E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.03**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.12**	**TPY**
n-Hexane	3.33E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.05**	**TPY**
Toluene	1.22E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Xylenes	5.52E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Other HAP	6.97E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.11**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**4,156.92**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**18,207.31**	**TPY**
CH_4	5.22E-01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**40.90**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**179.12**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.03**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Emissions Calculations

Unit ID: **C-306**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours		Conversion			Annual Emissions	
NOx	5.00E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**3.91**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**17.14**	**TPY**
CO	5.23E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**4.09**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**17.91**	**TPY**
VOC	2.99E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**2.34**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**10.25**	**TPY**
SO_2	5.88E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.07**	**TPY**
$PM_{10/2.5}$	7.71E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
PM_{COND}	9.91E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.27**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.16**	**TPY**
PM_{TOT}	9.99E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.27**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.17**	**TPY**
Acetaldehyde	2.51E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.07**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.29**	**TPY**
Acrolein	1.54E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.04**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.18**	**TPY**
Benzene	1.32E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Ethylbenzene	1.19E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	4.94E-02	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**0.39**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.69**	**TPY**
Methanol	7.50E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.09**	**TPY**
n-Hexane	3.33E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.04**	**TPY**
Toluene	1.22E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Xylenes	5.52E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Other HAP	6.97E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.08**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**3,128.22**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**13,701.60**	**TPY**
CH_4	5.22E-01	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**30.78**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**134.80**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.03**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Emissions Calculations

Unit ID: **C-304**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions		Operating Hours		Conversion			Annual Emissions	
NOx	5.00E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.22**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**22.86**	**TPY**
CO	4.95E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.17**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**22.63**	**TPY**
VOC	1.45E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**1.51**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**6.63**	**TPY**
SO_2	5.88E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.09**	**TPY**
$PM_{10/2.5}$	7.71E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
PM_{COND}	9.91E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.54**	**TPY**
PM_{TOT}	9.99E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.55**	**TPY**
Acetaldehyde	2.51E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.09**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.39**	**TPY**
Acrolein	1.54E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.05**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.24**	**TPY**
Benzene	1.32E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Ethylbenzene	1.19E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	4.68E-02	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**0.49**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**2.14**	**TPY**
Methanol	7.50E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.03**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.12**	**TPY**
n-Hexane	3.33E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.05**	**TPY**
Toluene	1.22E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Xylenes	5.52E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Other HAP	6.97E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.11**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**4,156.92**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**18,207.31**	**TPY**
CH_4	5.22E-01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**40.90**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**179.12**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.03**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Emissions Calculations

Unit ID: C-305

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions		Operating Hours		Conversion			Annual Emissions	
NOx	5.00E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**3.91**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**17.14**	**TPY**
CO	5.23E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**4.09**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**17.91**	**TPY**
VOC	2.99E-01	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**2.34**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**10.25**	**TPY**
SO_2	5.88E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.07**	**TPY**
$PM_{10/2.5}$	7.71E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
PM_{COND}	9.91E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.27**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.16**	**TPY**
PM_{TOT}	9.99E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.27**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.17**	**TPY**
Acetaldehyde	2.51E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.07**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.29**	**TPY**
Acrolein	1.54E-03	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.04**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.18**	**TPY**
Benzene	1.32E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Ethylbenzene	1.19E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	4.94E-02	g/hp-hr	X	3,550	hp	X	0.00220462	lb/gr	=	**0.39**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**1.69**	**TPY**
Methanol	7.50E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.09**	**TPY**
n-Hexane	3.33E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.04**	**TPY**
Toluene	1.22E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Xylenes	5.52E-05	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Other HAP	6.97E-04	lb/mmBtu	X	26.74	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.08**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**3,128.22**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**13,701.60**	**TPY**
CH_4	5.22E-01	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**30.78**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**134.80**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	26.74	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X 8,760	X	0.0005	ton/lb	=	**0.03**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Engine Emissions Calculations

Unit ID: **C-301**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours		Conversion			Annual Emissions	
NOx	5.00E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.22**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**22.86**	**TPY**
CO	4.95E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**5.17**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**22.63**	**TPY**
VOC	1.45E-01	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**1.51**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**6.63**	**TPY**
SO_2	5.88E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.09**	**TPY**
$PM_{10/2.5}$	7.71E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
PM_{COND}	9.91E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.54**	**TPY**
PM_{TOT}	9.99E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.35**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.55**	**TPY**
Acetaldehyde	2.51E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.09**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.39**	**TPY**
Acrolein	1.54E-03	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.05**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.24**	**TPY**
Benzene	1.32E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Ethylbenzene	1.19E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	4.68E-02	g/hp-hr	X	4,735	hp	X	0.00220462	lb/gr	=	**0.49**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**2.14**	**TPY**
Methanol	7.50E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.03**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.12**	**TPY**
n-Hexane	3.33E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.05**	**TPY**
Toluene	1.22E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Xylenes	5.52E-05	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
Other HAP	6.97E-04	lb/mmBtu	X	35.54	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.11**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**4,156.92**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**18,207.31**	**TPY**
CH_4	5.22E-01	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**40.90**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**179.12**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	35.54	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.03**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Generator Information and Manufacturer Emission Factors

Equipment Information	
	GEN
Make	Caterpillar
Model	G3516 CDITA
Design Rating (hp)	3,634.0
Design Rating (kW)	2,709.9
Fuel Consumption (Btu/hp-hr)	6,138
Fuel Consumption (gal/hr)	173.3
Fuel Consumption (mmBtu/hr)	22.30
Fuel Heating Value (Btu/gal)	128,700
Design Class	Large Diesel
Controls	None
Operating Hours	500

Emission Factors	
	GEN
NOx (g/hp-hr)	5.05
CO (g/hp-hr)	0.41
VOC (g/hp-hr)	0.10

Notes:
1) Emission factors are manufacturer data.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Generator Information and Manufacturer Emission Factors

Equipment Information	
	GEN2
Make	Winco
Model	DR250F4
Design Rating (hp)	383
Design Rating (kW)	290
Fuel Consumption (Btu/hp-hr)	6,388
Fuel Consumption (gal/hr)	19
Fuel Consumption (mmBtu/hr)	2.45
Fuel Heating Value (Btu/gal)	128,700
Design Class	Diesel
Controls	None
Operating Hours	500

Uncontrolled Emission Factors	
	GEN2
NMHC + NOx as NOx (g/hp-hr)	3.00
CO (g/hp-hr)	2.60
NMHC + NOx as VOC (g/hp-hr)	3.00

Notes:
1) Emission factors are Tier 3 EPA factors for nonroad diesel engines.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Generator AP-42/EPA Emission Factors

Emission Factors		
	Diesel	**Large Diesel**
SO_2 (lb/mmBtu)	2.90E-01	1.52E-03
$PM_{10/2.5}$ (lb/mmBtu)	3.10E-01	5.73E-02
PM_{COND} (lb/mmBtu)	NA	7.70E-03
PM_{TOT} (lb/mmBtu)	NA	6.97E-02
Acetaldehyde (lb/mmBtu)	7.67E-04	2.52E-05
Acrolein (lb/mmBtu)	9.25E-05	7.88E-06
Benzene (lb/mmBtu)	9.33E-04	7.76E-04
Formaldehyde (lb/mmBtu)	1.18E-03	7.89E-05
Toluene (lb/mmBtu)	4.09E-04	2.81E-04
Xylenes (lb/mmBtu)	2.85E-04	1.93E-04
Other HAP (lb/mmBtu)	2.79E-03	2.79E-03
Carbon Dioxide (CO_2) (kg/mmBtu)	7.40E+01	1.65E+02
Methane (CH_4) (kg/mmBtu)	3.00E-03	9.00E-02
Nitrous Oxide (N_2O) (kg/mmBtu)	6.00E-04	6.00E-04

Notes:

1) Emission factors are from AP-42 Tables 3.4-1, 3.4-2 and 3.4-3 (4/2025).

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Generator Emissions Calculations

Unit ID: **GEN**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours			Conversion			Annual Emissions	
NOx	5.05E+00	g/hp-hr	X	3,634	hp	X	0.00220462	lb/gr	=	**40.46**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**10.11**	**TPY**
CO	4.10E-01	g/hp-hr	X	3,634	hp	X	0.00220462	lb/gr	=	**3.28**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.82**	**TPY**
VOC	1.00E-01	g/hp-hr	X	3,634	hp	X	0.00220462	lb/gr	=	**0.80**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.20**	**TPY**
SO_2	1.52E-03	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.03**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.01**	**TPY**
$PM_{10/2.5}$	5.73E-02	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**1.28**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.32**	**TPY**
PM_{COND}	7.70E-03	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.17**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.04**	**TPY**
PM_{TOT}	6.97E-02	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**1.55**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.39**	**TPY**
Acetaldehyde	2.52E-05	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Acrolein	7.88E-06	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Benzene	7.76E-04	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.02**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	7.89E-05	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.00**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Toluene	2.81E-04	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Xylenes	1.93E-04	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Other HAP	2.79E-03	lb/mmBtu	X	22.30	mmBtu/hr	X	-	-	=	**0.06**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.02**	**TPY**
CO_2	1.65E+02	kg/mmBtu	X	22.30	mmBtu/hr	X	2.20462	lb/kg	=	**8,113.25**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**2,028.31**	**TPY**
CH_4	3.00E-03	kg/mmBtu	X	22.30	mmBtu/hr	X	2.20462	lb/kg	=	**0.15**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.04**	**TPY**
N_2O	6.00E-04	kg/mmBtu	X	22.30	mmBtu/hr	X	2.20462	lb/kg	=	**0.03**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.01**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Generator Emissions Calculations

Unit ID: **GEN2**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours		Conversion			Annual Emissions	
NOx	3.00E+00	g/hp-hr	X	383	hp	X	0.00220462	lb/gr	=	**2.53**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.63**	**TPY**
CO	2.60E+00	g/hp-hr	X	383	hp	X	0.00220462	lb/gr	=	**2.19**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.55**	**TPY**
VOC	3.00E+00	g/hp-hr	X	383	hp	X	0.00220462	lb/gr	=	**2.53**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.63**	**TPY**
SO_2	2.90E-01	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**0.71**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.18**	**TPY**
$PM_{10/2.5}$	3.10E-01	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**0.76**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**0.19**	**TPY**
Acetaldehyde	7.67E-04	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Acrolein	9.25E-05	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Benzene	9.33E-04	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	1.18E-03	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Toluene	4.09E-04	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Xylenes	2.85E-04	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Other HAP	2.79E-03	lb/mmBtu	X	2.45	mmBtu/hr	X	-	-	=	**0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
CO_2	7.40E+01	kg/mmBtu	X	2.45	mmBtu/hr	X	2.20462	lb/kg	=	**398.72**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**99.68**	**TPY**
CH_4	3.00E-03	kg/mmBtu	X	2.45	mmBtu/hr	X	2.20462	lb/kg	=	**0.02**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**
N_2O	6.00E-04	kg/mmBtu	X	2.45	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	500	X	0.0005	ton/lb	=	**<0.01**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Dehydration Unit Information and Operating Parameters

Equipment Information	
	D-1
Maximum Throughput (MMSCFD)	120
Wet Gas Temperature (°F)	90
Wet Gas Pressure (psig)	800
Pump Type (Electric/Gas)	Electric
Pump Glycol Flow Rate (gpm)	33.00
Flash Tank Temperature (°F)	75
Flash Tank Pressure (psig)	50
Flash Tank Controls	Recycle
Regenerator Still Vent Controls	Condenser/Combustor
Condenser Temperature (°F)	120
Condenser Pressure (psig)	14.7
Combustion Device Efficiency (%)	98%
Operating Hours	8,760
Safety Factor Added to GLYCalc Results	50%

Notes:
1) The dehydration unit still vent is controlled by an air-cooled condenser. Non-condensables will be routed to BTEX combustor for 98% control efficiency. The flash tank off-gas is recycled to the inlet.
2) 50% safety factor has been added to GLYCalc™ results for a conservative estimate of emissions, and to account for possible fluctuations in inlet gas composition.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Dehydration Unit Emissions

Unit ID: **D-1**

Controlled Emissions

Pollutant	GLYCalc Results Still Vent Hourly Emissions		GLYCalc Results Still Vent Annual Emissions			GLYCalc Results Flash Tank Hourly Emissions		GLYCalc Results Flash Tank Annual Emissions			Safety Factor		Proposed Hourly Emissions		Proposed Annual Emissions	
Total VOC	1.0764	lb/hr	4.7147	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**1.61**	**lb/hr**	**7.07**	**TPY**
H_2S	0.0004	lb/hr	0.0016	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**<0.01**	**lb/hr**	**<0.01**	**TPY**
2,2,4-Trimethylpentane	0.0000	lb/hr	0.0000	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.00**	**lb/hr**	**0.00**	**TPY**
n-Hexane	0.0524	lb/hr	0.2293	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.08**	**lb/hr**	**0.34**	**TPY**
Benzene	0.0591	lb/hr	0.2587	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.09**	**lb/hr**	**0.39**	**TPY**
Toluene	0.0880	lb/hr	0.3853	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.13**	**lb/hr**	**0.58**	**TPY**
Ethylbenzene	0.0000	lb/hr	0.0000	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.00**	**lb/hr**	**0.00**	**TPY**
Xylene	0.0350	lb/hr	0.1532	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.05**	**lb/hr**	**0.23**	**TPY**
Total HAP	0.2345	lb/hr	1.0265	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.35**	**lb/hr**	**1.54**	**TPY**
CO_2[2]	0.0014	lb/hr	0.0061	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**<0.01**	**lb/hr**	**0.01**	**TPY**
CH_4	0.0569	lb/hr	0.2493	TPY	+	0.0000	lb/hr	0.0000	TPY	+	50%	=	**0.09**	**lb/hr**	**0.37**	**TPY**

Uncontrolled Emissions - For Reference Only[1]

Pollutant	GLYCalc Results Still Vent Hourly Emissions		GLYCalc Results Still Vent Annual Emissions			GLYCalc Results Flash Tank Hourly Emissions		GLYCalc Results Flash Tank Annual Emissions			Safety Factor		Uncontrolled Hourly Emissions - For Reference Only		Uncontrolled Annual Emissions - For Reference Only	
VOC	143.7927	lb/hr	629.8122	TPY	+	34.7633	lb/hr	152.2632	TPY	+	0%	=	**178.56**	**lb/hr**	**782.08**	**TPY**
H_2S	0.0187	lb/hr	0.0817	TPY	+	0.0019	lb/hr	0.0084	TPY	+	0%	=	**0.02**	**lb/hr**	**0.09**	**TPY**
2,2,4-Trimethylpentane	0.0000	lb/hr	0.0000	TPY	+	0.0000	lb/hr	0.0000	TPY	+	0%	=	**0.00**	**lb/hr**	**0.00**	**TPY**
n-Hexane	4.9272	lb/hr	21.5813	TPY	+	0.7776	lb/hr	3.4060	TPY	+	0%	=	**5.70**	**lb/hr**	**24.99**	**TPY**
Benzene	7.4490	lb/hr	32.6268	TPY	+	0.0307	lb/hr	0.1345	TPY	+	0%	=	**7.48**	**lb/hr**	**32.76**	**TPY**
Toluene	24.0053	lb/hr	105.1434	TPY	+	0.0545	lb/hr	0.2387	TPY	+	0%	=	**24.06**	**lb/hr**	**105.38**	**TPY**
Ethylbenzene	0.0000	lb/hr	0.0000	TPY	+	0.0000	lb/hr	0.0000	TPY	+	0%	=	**0.00**	**lb/hr**	**0.00**	**TPY**
Xylene	28.0550	lb/hr	122.8807	TPY	+	0.0208	lb/hr	0.0911	TPY	+	0%	=	**28.08**	**lb/hr**	**122.97**	**TPY**
Total HAP	64.4365	lb/hr	282.2322	TPY	+	0.8836	lb/hr	3.8703	TPY	+	0%	=	**65.32**	**lb/hr**	**286.10**	**TPY**
CO_2[2]	0.0693	lb/hr	0.3035	TPY	+	1.0163	lb/hr	4.4516	TPY	+	0%	=	**1.09**	**lb/hr**	**4.76**	**TPY**
CH_4	2.8503	lb/hr	12.4844	TPY	+	41.8079	lb/hr	183.1185	TPY	+	0%	=	**44.66**	**lb/hr**	**195.60**	**TPY**

Notes:
1) GLYCalc reports attached.
2) CO_2 emissions calculated using mass balance and inlet gas analysis as follows:
tons CH_4 * ton mole CH_4/16 ton CH_4 * ton mole gas/ton mole CH_4 * ton mole CO_2/ton mole gas * 44 ton CO_2/ton mole CO_2 = ton CO_2/yr

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Flare Information and Emission Factors

Equipment Information	
	COMBUST
Description	BTEX Combustor
VOC to Flare (lb/hr)	80.60
Stream Heat Content (Btu/scf)	1,993
Stream Net Btu Value (Btu/hr)	1,870,306
Operating Hours	8,760
Control Efficiency	98%
Pilot Stream Heat Content (Btu/scf)	1,026
Pilot Gas Flow Rate (scfh)	15.00
Pilot Gas Capacity (mmBtu/hr)	0.015
Pilot Operating Hours	8,760

AP-42/EPA Emission Factors			
	Flare Stream		**Pilot Gas**
NOx (lb/mmBtu)	0.068	**NOx (lb/mmscf)**	100.0
CO (lb/mmBtu)	0.31	**CO (lb/mmscf)**	84.0
VOC	Mass Balance	**VOC (lb/mmscf)**	5.5
SO_2	Stoichiometric	**SO_2 (lb/mmscf)**	0.6
$PM_{10/2.5}$	--	**$PM_{10/2.5}$ (lb/mmscf)**	1.9
PM_{COND}	--	**PM_{COND} (lb/mmscf)**	5.7
PM_{TOT}	--	**PM_{TOT} (lb/mmscf)**	7.6
Formaldehyde	--	**Formaldehyde (lb/mmscf)**	7.50E-02
n-Hexane	Mass Balance	**n-Hexane (lb/mmscf)**	1.80E+00
Benzene	Mass Balance	**Benzene (lb/mmscf)**	2.10E-03
Toluene	Mass Balance	**Toluene (lb/mmscf)**	3.40E-03
Ethylbenzene	Mass Balance	**Ethylbenzene**	--
Xylenes	Mass Balance	**Xylenes**	--
Other HAP	Mass Balance	**Other HAP (lb/mmscf)**	1.90E-03
Carbon Dioxide (CO_2) (kg/mmBtu)	53.06/Mass Balance	**Carbon Dioxide (CO_2) (kg/mmBtu)**	53.06
Methane (CH_4) (kg/mmBtu)	0.001/Mass Balance	**Methane (CH_4) (kg/mmBtu)**	1.00E-03
Nitrous Oxide (N_2O) (kg/mmBtu)	1.00E-04	**Nitrous Oxide (N_2O) (kg/mmBtu)**	1.00E-04

Notes:
1) NOx and CO emission factors (lb/mmBtu), flare stream: AP-42, Table 13.5-1 (2/2018). Pilot criteria and HAP emission factors (lb/mmscf): AP-42, Table 1.4-1, -2 (7/98). GHG emission factors (kg/mmBtu): 40 CFR 98.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Flare Emissions Calculations

Unit ID: COMBUST

Total: Stream + Pilot

Pollutant	Hourly Emissions		Annual Emissions	
NOx	0.13	lb/hr	0.56	TPY
CO	0.58	lb/hr	2.55	TPY
VOC	<0.01	lb/hr	<0.01	TPY
SO_2	<0.01	lb/hr	<0.01	TPY
$PM_{10/2.5}$	<0.01	lb/hr	<0.01	TPY
PM_{COND}	<0.01	lb/hr	<0.01	TPY
PM_{TOT}	<0.01	lb/hr	<0.01	TPY
Formaldehyde	<0.01	lb/hr	<0.01	TPY
n-Hexane	<0.01	lb/hr	<0.01	TPY
Benzene	<0.01	lb/hr	<0.01	TPY
Toluene	<0.01	lb/hr	<0.01	TPY
Ethylbenzene	0.00	lb/hr	0.00	TPY
Xylenes	0.00	lb/hr	0.00	TPY
Other HAP	<0.01	lb/hr	<0.01	TPY
CO_2	232.78	lb/hr	1,019.58	TPY
CH_4	0.09	lb/hr	0.39	TPY
N_2O	<0.01	lb/hr	<0.01	TPY

Stream Emissions

Pollutant	Emission Factor			Capacity			Conversion		Hourly Emissions		Operating Hours		Conversion		Annual Emissions	
NOx	6.80E-02	lb/mmBtu	X	1.87E+00	mmBtu/hr	X	-	-	= **0.13**	lb/hr	X 8,760	X	0.0005	ton/lb	= **0.56**	TPY
CO	3.10E-01	lb/mmBtu	X	1.87E+00	mmBtu/hr	X	-	-	= **0.58**	lb/hr	X 8,760	X	0.0005	ton/lb	= **2.54**	TPY
CO_2	5.31E+01	kg/mmBtu	X	1.87E+00	mmBtu/hr	X	2.20462	lb/kg	= **218.78**	lb/hr	X 8,760	X	0.0005	ton/lb	= **958.27**	TPY
CO_2	-	-	-	-	-	-	-	-	= **12.20**	lb/hr	X 8,760	X	0.0005	ton/lb	= **53.43**	TPY
CH_4	1.00E-03	kg/mmBtu	X	1.87E+00	mmBtu/hr	X	2.20462	lb/kg	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **0.02**	TPY
CH_4	-	-	-	-	-	-	-	-	= **0.08**	lb/hr	X 8,760	X	0.0005	ton/lb	= **0.37**	TPY
N_2O	1.00E-04	kg/mmBtu	X	1.87E+00	mmBtu/hr	X	2.20462	lb/kg	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **<0.01**	TPY

Flare Emissions Calculations (Cont.)

Pilot Emissions

Pollutant	Emission Factor			Capacity			Conversion		Hourly Emissions		Operating Hours		Conversion		Annual Emissions	
NOx	1.00E+02	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **0.01**	TPY
CO	8.40E+01	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **0.01**	TPY
VOC	5.50E+00	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **<0.01**	TPY
SO_2	6.00E-01	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **<0.01**	TPY
$PM_{10/2.5}$	1.90E+00	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **<0.01**	TPY
PM_{COND}	5.70E+00	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	= **<0.01**	lb/hr	X 8,760	X	0.0005	ton/lb	= **<0.01**	TPY

EnLink Midstream Services, L.L.C.
Silver Compressor Station

PM_{TOT}	7.60E+00	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	7.50E-02	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
n-Hexane	1.80E+00	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Benzene	2.10E-03	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Toluene	3.40E-03	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Other HAP	1.90E-03	lb/mmscf	X	1.50E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	1.54E-02	mmBtu/hr	X	2.20462	lb/kg	=	**1.80**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**7.88**	**TPY**
CH_4	1.00E-03	kg/mmBtu	X	1.54E-02	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	1.54E-02	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Flare Emissions Calculations - Flare Stream Analysis

Unit ID: **COMBUST**

Component	Molecular Weight	Stream 1 D-1 Condenser Vent Stream 9.39E+02 scfh		Total Streams Burned in Flare					Net Heating Value	Net Btu Rate
				Uncontrolled		scfd	Controlled			
		Mole %	lb/hr	lb/hr	TPY		lb/hr	TPY	Btu/scf	Btu/hr
Water	18.0153	11.600%	5.17	5.17	22.65	2,614	5.17	22.65	0.00	0
Hydrogen Sulfide	34.081	0.032%	0.03	0.03	0.12	7	0.00	0.00	586.80	178
Carbon Dioxide	44.010	11.200%	12.20	12.20	53.43	2,524	12.20	53.43	0.00	0
Nitrogen	28.013	0.059%	0.04	0.04	0.18	13	0.04	0.18	0.00	0
Helium	4.003	0.000%	0.00	0.00	0.00	0	0.00	0.00	0.00	0
Oxygen	31.999	0.000%	0.00	0.00	0.00	0	0.00	0.00	0.00	0
Methane	16.043	10.700%	4.25	4.25	18.61	2,411	0.08	0.37	909.40	91,370
Ethane	30.069	14.800%	11.01	11.01	48.24	3,335	0.22	0.96	1,618.70	224,954
Propane	44.096	15.800%	17.24	17.24	75.53	3,561	0.34	1.51	2,314.90	343,443
i-Butane	58.122	3.790%	5.45	5.45	23.88	854	0.11	0.48	3,000.40	106,779
n-Butane	58.122	12.600%	18.13	18.13	79.39	2,840	0.36	1.59	3,010.80	356,220
i-Pentane	72.149	2.900%	5.18	5.18	22.68	654	0.10	0.45	3,699.00	100,727
n-Pentane	72.149	4.710%	8.41	8.41	36.84	1,061	0.17	0.74	3,706.90	163,945
n-Hexane	86.175	1.840%	3.92	3.92	17.19	415	0.08	0.34	4,403.80	76,087
Other Hexanes	86.175	1.940%	4.14	4.14	18.12	437	0.08	0.36	4,403.80	80,222
Heptanes	100.202	1.800%	4.46	4.46	19.55	406	0.09	0.39	5,100.00	86,200
Benzene	78.114	2.290%	4.43	4.43	19.39	516	0.09	0.39	3,590.90	77,215
Toluene	92.141	2.890%	6.59	6.59	28.87	651	0.13	0.58	4,273.60	115,973
Ethylbenzene	106.167	0.000%	0.00	0.00	0.00	0	0.00	0.00	4,970.50	0
Xylenes	106.167	0.998%	2.62	2.62	11.49	225	0.05	0.23	4,957.10	46,454
Octanes	114.229	0.010%	0.03	0.03	0.12	2	0.00	0.00	5,796.00	538
2,2,4-Trimethylpentane	114.231	0.000%	0.00	0.00	0.00	0	0.00	0.00	5,778.80	0
Nonanes	128.255	0.000%	0.00	0.00	0.00	0	0.00	0.00	6,493.20	0
Decanes	142.282	0.000%	0.00	0.00	0.00	0	0.00	0.00	7,189.60	0
Totals =		**100.0%**	**113.31**	**113.31**	**496.28**	**22,527**	**--**	**--**	**--**	**1,870,306**
Total VOC =		**51.568%**	**80.60**	**80.60**	**353.04**	**--**	**1.61**	**7.06**	**Heat Value (Btu/scf)**	**1,993**
Total HAP =				**17.56**	**76.93**	**--**	**0.35**	**1.54**		
Total H_2S=				**0.03**	**0.12**	**--**	**0.00**	**0.00**		
MW of Stream =						**45.80**				

Notes:
1) Stream compositions and flow rates calculated by GLYCalc. 50% safety factor added to flow rate for a conservative estimate of emissions.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Heater Information and Emission Factors

Equipment Information	
	H-1
Description	Glycol Reboiler
Combustor Type	Uncontrolled
Burner Design (mmBtu/hr)	2.50
Fuel Consumption (mmscf/hr)	2.44E-03
Fuel Consumption (mmscf/yr)	21.35
Fuel HHV (Btu/scf)	1,026
Operating Hours	8,760

AP-42/EPA Emission Factors	
	Uncontrolled
NOx (lb/mmscf)	100.0
CO (lb/mmscf)	84.0
VOC (lb/mmscf)	5.5
SO_2 (lb/mmscf)	0.6
$PM_{10/2.5}$ (lb/mmscf)	1.9
PM_{COND} (lb/mmscf)	5.7
PM_{TOT} (lb/mmscf)	7.6
Benzene (lb/mmscf)	2.10E-03
Formaldehyde (lb/mmscf)	7.50E-02
n-Hexane (lb/mmscf)	1.80E+00
Toluene (lb/mmscf)	3.40E-03
Other HAP (lb/mmscf)	1.90E-03
Carbon Dioxide (CO_2) (kg/mmBtu)	53.06
Methane (CH_4) (kg/mmBtu)	1.00E-03
Nitrous Oxide (N_2O) (kg/mmBtu)	1.00E-04

Notes:

1) Criteria pollutant emission factor source: AP-42 Tables 1.4-1, -2 (7/98); HAP emission factor source: AP-42 Table 1.4-3 (7/98); GHG emission factor source: 40 CFR 98 Tables C-1 and C-2.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Heater Emissions Calculations

Unit ID: **H-1**

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours			Conversion			Annual Emissions	
NOx	1.00E+02	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**0.24**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1.07**	**TPY**
CO	8.40E+01	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**0.20**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.90**	**TPY**
VOC	5.50E+00	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.06**	**TPY**
SO_2	6.00E-01	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.01**	**TPY**
$PM_{10/2.5}$	1.90E+00	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
PM_{COND}	5.70E+00	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.06**	**TPY**
PM_{TOT}	7.60E+00	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**0.02**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.08**	**TPY**
Benzene	2.10E-03	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	7.50E-02	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
n-Hexane	1.80E+00	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
Toluene	3.40E-03	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Other HAP	1.90E-03	lb/mmscf	X	2.44E-03	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	2.50E+00	mmBtu/hr	X	2.20462	lb/kg	=	**292.44**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**1,280.90**	**TPY**
CH_4	1.00E-03	kg/mmBtu	X	2.50E+00	mmBtu/hr	X	2.20462	lb/kg	=	**0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**0.02**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	2.50E+00	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**

Notes:
1) All PM (total, condensable and filterable) is assumed to be <1 micrometer in diameter. Total PM is the sum of filterable PM and condensable PM.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Tank Information

Equipment Information	
	TK-A - TK-D
Contents	Condensate
Number of Tanks	4
Capacity (bbl)	400
Capacity (gal)	16,800
Total Throughput (bbl/yr)	109,500
Total Throughput (gal/yr)	4,599,000
Per Tank Throughput (bbl/yr)	27,375
Per Tank Throughput (gal/yr)	1,149,750
Calculation Method[1]	Process Simulation
VOC Tank Working Factor (lb VOC/bbl)[1]	0.30
VOC Tank Breathing (lb/yr)[1]	1,852.00
VOC Tank Flashing Emission Factor (lb VOC/bbl)[1]	3.5020
CO_2 Tank Flashing Emission Factor (lb CO_2/bbl)[1]	0.04272
CH_4 Tank Flashing Emission Factor (lb CH_4/bbl)[1]	0.70430
Control Type	VRU/Combustor
Capture Efficiency[2]	98%
Control Efficiency[2]	98%

Notes:

1) Tank emissions for working, breathing and flashing calculated with representative ProMax process simulation. See attached reports and following tables.

2) VRU is the primary control, with the combustor as a backup. For a conservative estimate of emissions, it was assumed that the combustor was the only control, with 98% capture and 98% control efficiency, for 96.04% effective control efficiency.

4) Per-tank emissions are shown on following table. Three of the four tanks were replaced in 2024 while the tanks were uncontrolled; therefore, the tank battery is subject to NSPS OOOOb.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Condensate Tank Emissions Calculations

Unit ID: **TK-A - TK-D** **(Each)**

Uncontrolled Emissions

Pollutant	Working Losses			Breathing Losses			Flashing Losses			Annual Emissions			Operating Hours			Conversion			Hourly Emissions[1]	
VOC[2]	4.15	TPY	+	0.93	TPY	+	47.93	TPY	=	**53.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**12.10**	**lb/hr**
n-Hexane	0.04	TPY	+	0.01	TPY	+	0.50	TPY	=	**0.56**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.13**	**lb/hr**
Benzene	0.01	TPY	+	<0.01	TPY	+	0.15	TPY	=	**0.17**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.04**	**lb/hr**
Toluene	<0.01	TPY	+	<0.01	TPY	+	0.01	TPY	=	**0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Ethylbenzene	<0.01	TPY	+	<0.01	TPY	+	<0.01	TPY	=	**<0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Xylenes	<0.01	TPY	+	<0.01	TPY	+	<0.01	TPY	=	**<0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Other HAP	0.00	TPY	+	0.00	TPY	+	0.00	TPY	=	**0.00**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.00**	**lb/hr**
CO_2[3]	-	TPY	+	-	TPY	+	0.58	TPY	=	**0.58**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.13**	**lb/hr**
CH_4[3]	-	TPY	+	-	TPY	+	9.64	TPY	=	**9.64**	**TPY**	/	8,760	X	2,000	lb/ton	=	**2.20**	**lb/hr**

Controlled Emissions[4]

Pollutant	Working Losses			Breathing Losses			Flashing Losses			Annual Emissions			Operating Hours			Conversion			Hourly Emissions	
VOC	0.16	TPY	+	0.04	TPY	+	1.90	TPY	=	**2.10**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.48**	**lb/hr**
n-Hexane	<0.01	TPY	+	<0.01	TPY	+	0.02	TPY	=	**0.02**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.01**	**lb/hr**
Benzene	<0.01	TPY	+	<0.01	TPY	+	0.01	TPY	=	**0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Toluene	<0.01	TPY	+	<0.01	TPY	+	<0.01	TPY	=	**<0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Ethylbenzene	<0.01	TPY	+	<0.01	TPY	+	<0.01	TPY	=	**<0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Xylenes	<0.01	TPY	+	<0.01	TPY	+	<0.01	TPY	=	**<0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Other HAP	0.00	TPY	+	0.00	TPY	+	0.00	TPY	=	**0.00**	**TPY**	/	8,760	X	2000	lb/ton	=	**0.00**	**lb/hr**
CO_2	-	TPY	+	-	TPY	+	0.02	TPY	=	**0.02**	**TPY**	/	8,760	X	2000	lb/ton	=	**0.01**	**lb/hr**
CH_4	-	TPY	+	-	TPY	+	0.38	TPY	=	**0.38**	**TPY**	/	8,760	X	2000	lb/ton	=	**0.09**	**lb/hr**

Estimated HAP Composition (% by Weight)[5]

Pollutant	Wt%
n-Hexane	1.049%
Benzene	0.316%
Toluene	0.015%
Ethylbenzene	0.005%
Xylenes	0.003%
Other HAP	0.000%
Total HAP =	**1.388%**

Notes:

1) Due to variable short-term emission rates, average lb/hr based on annual emissions shown for reference only.

2) VOC, CO_2 and CH_4 TPY flashing losses and VOC working losses calculated with ProMax emission factor as follows: lb/bbl factor * annual bbl throughput * 1/2000 = TPY. VOC TPY breathing losses calculated from ProMax lb/yr results as follows: lb/yr * 1/2000 = TPY.

3) Per API Chapter 5: CH_4 and CO_2 emissions from crude storage tanks occur mainly as a result of flashing; working and breathing loss emissions of these gases are very small in production and virtually non-existent in downstream segments. Unless site-specific data indicate otherwise, working and breathing losses are presumed to contain no CH_4 or CO_2 .

4) VRU is the primary control, with the combustor as a backup. For a conservative estimate of emissions, it was assumed that the combustor was the only control, with 98% capture and 98% control efficiency, for 96.04% effective control efficiency.

5) HAP composition of tank vapors calculated with site-specific ProMax process simulation.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Tank Flare Information and Emission Factors

Equipment Information	
	FL-1
Description	Tank Flare
VOC to Flare (lb/hr)	47.44
Stream Heat Content (Btu/scf)	1,946
Stream Net Btu Value (Btu/hr)	1,487,574
Operating Hours	8,760
Control Efficiency	98%
Pilot Stream Heat Content (Btu/scf)	1,026
Pilot Gas Flow Rate (scfh)	12.17
Pilot Gas Capacity (mmBtu/hr)	0.012
Pilot Operating Hours	8,760

AP-42/EPA Emission Factors[2]			
	Flare Stream		**Pilot Gas**
NOx (lb/mmBtu)	0.068	**NOx (lb/mmscf)**	100.0
CO (lb/mmBtu)	0.31	**CO (lb/mmscf)**	84.0
VOC	Mass Balance	**VOC (lb/mmscf)**	5.5
SO_2	Stoichiometric	**SO_2 (lb/mmscf)**	0.6
$PM_{10/2.5}$	--	**$PM_{10/2.5}$ (lb/mmscf)**	1.9
PM_{COND}	--	**PM_{COND} (lb/mmscf)**	5.7
PM_{TOT}	--	**PM_{TOT} (lb/mmscf)**	7.6
Formaldehyde	--	**Formaldehyde (lb/mmscf)**	7.50E-02
n-Hexane	Mass Balance	**n-Hexane (lb/mmscf)**	1.80E+00
Benzene	Mass Balance	**Benzene (lb/mmscf)**	2.10E-03
Toluene	Mass Balance	**Toluene (lb/mmscf)**	3.40E-03
Ethylbenzene	Mass Balance	**Ethylbenzene**	--
Xylenes	Mass Balance	**Xylenes**	--
Other HAP	Mass Balance	**Other HAP (lb/mmscf)**	1.90E-03
Carbon Dioxide (CO_2) (kg/mmBtu)	53.06/Mass Balance	**Carbon Dioxide (CO_2) (kg/mmBtu)**	53.06
Methane (CH_4) (kg/mmBtu)	0.001/Mass Balance	**Methane (CH_4) (kg/mmBtu)**	1.00E-03
Nitrous Oxide (N_2O) (kg/mmBtu)	1.00E-04	**Nitrous Oxide (N_2O) (kg/mmBtu)**	1.00E-04

Notes:
1) NOx and CO emission factors (lb/mmBtu), flare stream: AP-42, Table 13.5-1 (2/2018). Pilot criteria and HAP emission factors (lb/mmscf): AP-42, Table 1.4-1, -2 (7/98). GHG emission factors (kg/mmBtu): 40 CFR 98.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Tank Flare Emissions Calculations

Unit ID: FL-1

Total: Stream + Pilot

Pollutant	Hourly Emissions		Annual Emissions	
NOx	0.10	lb/hr	0.45	TPY
CO	0.46	lb/hr	2.02	TPY
VOC	<0.01	lb/hr	<0.01	TPY
SO_2	<0.01	lb/hr	<0.01	TPY
$PM_{10/2.5}$	<0.01	lb/hr	<0.01	TPY
PM_{COND}	<0.01	lb/hr	<0.01	TPY
PM_{TOT}	<0.01	lb/hr	<0.01	TPY
Formaldehyde	<0.01	lb/hr	<0.01	TPY
n-Hexane	<0.01	lb/hr	<0.01	TPY
Benzene	<0.01	lb/hr	<0.01	TPY
Toluene	<0.01	lb/hr	<0.01	TPY
Other HAP	<0.01	lb/hr	<0.01	TPY
CO_2	176.05	lb/hr	771.10	TPY
CH_4	0.19	lb/hr	0.85	TPY
N_2O	<0.01	lb/hr	<0.01	TPY

Stream Emissions

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours			Conversion			Annual Emissions	
NOx	6.80E-02	lb/mmBtu	X	1.49E+00	mmBtu/hr	X	-	-	=	0.10	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.44	TPY
CO	3.10E-01	lb/mmBtu	X	1.49E+00	mmBtu/hr	X	-	-	=	0.46	lb/hr	X	8,760	X	0.0005	ton/lb	=	2.02	TPY
SO_2	-	-	-	-	-	-	-	-	=	0.00	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.00	TPY
CO_2	5.31E+01	kg/mmBtu	X	1.49E+00	mmBtu/hr	X	2.20462	lb/kg	=	174.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	762.17	TPY
CO_2	-	-	-	-	-	-	-	-	=	0.58	lb/hr	X	8,760	X	0.0005	ton/lb	=	2.53	TPY
CH_4	1.00E-03	kg/mmBtu	X	1.49E+00	mmBtu/hr	X	2.20462	lb/kg	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.01	TPY
CH_4	-	-	-	-	-	-	-	-	=	0.19	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.84	TPY
N_2O	1.00E-04	kg/mmBtu	X	1.49E+00	mmBtu/hr	X	2.20462	lb/kg	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	<0.01	TPY

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Tank Flare Emissions Calculations (Continued)

Pilot Emissions

Pollutant	Emission Factor			Capacity			Conversion			Hourly Emissions			Operating Hours			Conversion			Annual Emissions	
NOx	1.00E+02	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.01	TPY
CO	8.40E+01	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	<0.01	TPY
VOC	5.50E+00	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	<0.01	TPY
SO_2	6.00E-01	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	<0.01	TPY
$PM_{10/2.5}$	1.90E+00	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	<0.01	lb/hr	X	8,760	X	0.0005	ton/lb	=	<0.01	TPY

PM_{COND}	5.70E+00	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
PM_{TOT}	7.60E+00	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Formaldehyde	7.50E-02	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
n-Hexane	1.80E+00	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Benzene	2.10E-03	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Toluene	3.40E-03	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
Other HAP	1.90E-03	lb/mmscf	X	1.22E-05	mmscf/hr	X	-	-	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
CO_2	5.31E+01	kg/mmBtu	X	1.25E-02	mmBtu/hr	X	2.20462	lb/kg	=	**1.46**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**6.40**	**TPY**
CH_4	1.00E-03	kg/mmBtu	X	1.25E-02	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**
N_2O	1.00E-04	kg/mmBtu	X	1.25E-02	mmBtu/hr	X	2.20462	lb/kg	=	**<0.01**	**lb/hr**	X	8,760	X	0.0005	ton/lb	=	**<0.01**	**TPY**

1) Condensate tank emissions are routed to the flare. Unburned VOC and HAP reported at the tanks. Pilot VOC and HAP reported at the flare.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Tank Flare Emissions Calculations - Stream Analysis

Unit ID: **FL-1**

Component	Molecular Weight	Stream 1 Condensate Tank Emissions		Total Streams Burned in Flare					Net Heating Value	Net Btu Rate
		7.64E+02	scfh	Uncontrolled		scfd	Controlled			
		Mole %	lb/hr	lb/hr	TPY		lb/hr	TPY	Btu/scf	Btu/hr
Water	18.0153	0.000%	0.00	0.00	0.00	0	0.00	0.00	0.00	0
Hydrogen Sulfide	34.081	0.000%	0.00	0.00	0.00	0	0.00	0.00	586.80	0
Carbon Dioxide	44.010	0.652%	0.58	0.58	2.53	120	0.58	2.53	0.00	0
Nitrogen	28.013	0.107%	0.06	0.06	0.26	20	0.06	0.26	0.00	0
Helium	4.003	0.000%	0.00	0.00	0.00	0	0.00	0.00	0.00	0
Oxygen	31.999	0.000%	0.00	0.00	0.00	0	0.00	0.00	0.00	0
Methane	16.043	29.500%	9.53	9.53	41.76	5,411	0.19	0.84	909.40	205,041
Ethane	30.069	28.300%	17.14	17.14	75.08	5,191	0.34	1.50	1,618.70	350,120
Propane	44.096	21.200%	18.83	18.83	82.48	3,889	0.38	1.65	2,314.90	375,087
i-Butane	58.122	3.050%	3.57	3.57	15.64	559	0.07	0.31	3,000.40	69,943
n-Butane	58.122	7.790%	9.12	9.12	39.95	1,429	0.18	0.80	3,010.80	179,260
i-Pentane	72.149	2.220%	3.23	3.23	14.13	407	0.06	0.28	3,699.00	62,763
n-Pentane	72.149	2.880%	4.19	4.19	18.33	528	0.08	0.37	3,706.90	81,596
n-Hexane	86.175	0.448%	0.78	0.78	3.41	82	0.02	0.07	4,403.80	15,079
Other Hexanes	86.175	0.000%	0.00	0.00	0.00	0	0.00	0.00	4,403.80	0
Heptanes	100.202	3.620%	7.31	7.31	32.01	664	0.15	0.64	5,100.00	141,105
Benzene	78.114	0.149%	0.23	0.23	1.03	27	0.00	0.02	3,590.90	4,089
Toluene	92.141	0.006%	0.01	0.01	0.05	1	0.00	0.00	4,273.60	192
Ethylbenzene	106.167	0.002%	0.00	0.00	0.02	0	0.00	0.00	4,970.50	63
Xylenes	106.167	0.001%	0.00	0.00	0.01	0	0.00	0.00	4,957.10	35
Octanes	114.229	0.026%	0.06	0.06	0.26	5	0.00	0.01	5,796.00	1,147
2,2,4-Trimethylpentane	114.231	0.000%	0.00	0.00	0.00	0	0.00	0.00	5,778.80	0
Nonanes	128.255	0.041%	0.11	0.11	0.47	8	0.00	0.01	6,493.20	2,055
Decanes	142.282	0.000%	0.00	0.00	0.00	0	0.00	0.00	7,189.60	0
Totals =		**100.0%**	**74.75**	**74.75**	**327.42**	**18,342**	**--**	**--**	**--**	**1,487,574**
Total VOC =		**41.433%**	**47.44**	**47.44**	**207.78**	**--**	**0.95**	**4.16**	**Heat Value (Btu/scf)**	**1,946**
Total HAP =				**1.03**	**4.51**	**--**	**0.02**	**0.09**		
Total H_2S=				**0.00**	**0.00**	**--**	**0.00**	**0.00**		
MW of Stream =						**37.11**				

Notes:
1) Stream composition calculated with ProMax process simulation.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Truck Loading Information

Equipment Information	
	L-01
Contents Loaded	Condensate
Fill Method	Submerged
Type of Service	Dedicated
Mode of Operation	Normal
Saturation Factor	0.6
Throughput (1000 gal/yr)	4,599
Throughput (10^6 gal/yr)	4.599
Maximum Loading Rate (gal/hr)	7,500
P=True Vapor Pressure of Liquid Loaded (avg. psia)[1]	10.9200
M=Molecular Weight of Vapor (lb/lb-mol)[1]	41.3700
T= Temperature of Bulk Liquid Loaded (average °F)[1]	61.81
T = Temperature of bulk liquid loaded (°F + 460 = °R)	521.81
Annual Emission Factor (lb/1000 gal)[2]	6.47
TOC Emission Factor (tonne/10^6 gal)[3]	0.91
TOC Emission Factor (ton/10^6 gal)[3]	1.00
ProMax Flash Gas CH_4 wt%	12.753%
ProMax Flash Gas CO_2 wt%	0.773%
Control Type	None

Notes:
1) Properties calculated by representative ProMax process simulation.
2) AP-42 5.2-4 Eq.1: Loading Loss (lb/1000 gal) = 12.46 *S*P*M/T.
3) API Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Gas Industry, Table 5-12. Emission factor converted as follows: tonne/10^6 gal * 1.10231131 ton/tonne.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Condensate Truck Loading Emissions Calculations

Unit ID: L-01

Uncontrolled Emissions

Pollutant	Emission Factor			Throughput			Conversion			Annual Emissions			Operating Hours		Conversion			Average Hourly Emissions[1]	
VOC	6.47	lb/1000 gal	X	4,599	1000 gal/yr	X	0.0005	ton/lb	=	**14.88**	**TPY**	/	8,760	X	2,000	lb/ton	=	**3.40**	**lb/hr**
n-Hexane	-	-	-	-	-	-	-	-	=	**0.35**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.08**	**lb/hr**
Benzene	-	-	-	-	-	-	-	-	=	**0.11**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.02**	**lb/hr**
Toluene	-	-	-	-	-	-	-	-	=	**0.02**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Ethylbenzene	-	-	-	-	-	-	-	-	=	**0.02**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Xylenes	-	-	-	-	-	-	-	-	=	**0.01**	**TPY**	/	8,760	X	2,000	lb/ton	=	**<0.01**	**lb/hr**
Other HAP	-	-	-	-	-	-	-	-	=	**0.00**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.00**	**lb/hr**
CO_2	1.00	ton/10^6 gal	X	4.599	10^6 gal/yr	X	0.773%	Wt%	=	**0.04**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.01**	**lb/hr**
CH_4	1.00	ton/10^6 gal	X	4.599	10^6 gal/yr	X	12.753%	Wt%	=	**0.59**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.13**	**lb/hr**

Estimated HAP Composition (% by Weight[2]

Pollutant	Wt%
n-Hexane	2.377%
Benzene	0.707%
Toluene	0.116%
Ethylbenzene	0.112%
Xylenes	0.079%
Other HAP	0.000%
Total HAP =	**3.391%**

Notes:
1) Due to variable short-term emission rates, average lb/hr rate shown for reference only.
2) See speciated liquids analysis on Facility Analyses page. HAP weight% calculated as % of total hydrocarbons in the sample. All HAP assumed to volatize from liquids for most conservative emissions estimate.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Methanol Tank Information

Equipment Information	
	METHANOL
Contents	Methanol
Number of Tanks	1
Capacity (bbl)	210
Capacity (gal)	8,820
Total Throughput (bbl/yr)	833
Total Throughput (gal/yr)	35,000
EPA TANKS 5.2 Working Losses (lb/yr)[1]	45.85
EPA TANKS 5.2 Breathing Losses (lb/yr)[1]	147.21
Control Type	None

Notes:
1) Working and breathing calculated using EPA TANKS 5.2. See attached reports and following table.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Methanol Tank Emissions Calculations

Unit ID: METHANOL

Uncontrolled Emissions

Pollutant	Working Losses			Breathing Losses			Annual Emissions			Operating Hours			Conversion			Hourly Emissions[1]	
VOC/Methanol [2]	0.02	TPY	+	0.07	TPY	=	**0.10**	**TPY**	/	8,760	X	2,000	lb/ton	=	**0.02**	**lb/hr**

Notes:
1) Due to variable short-term emission rates, average lb/hr based on annual emissions shown for reference only.
2) VOC TPY working and breathing losses calculated from lb/yr EPA TANKS 5.2 results as follows: lb/yr * 1/2000 = TPY.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Fugitive Equipment Data and Emission Factors

Equipment Information - Gas Service							TOC Emissions											
Component	Count[1]		Emission Factor[2]			Control Efficiency		Hourly Emissions			Operating Hours		Conversion			Annual Emissions		
Valves - Gas	166	X	9.92E-03	lb/hr/source	X	75.00%	=	0.41	lb/hr	X	8,760	X	0.0005	ton/lb	=	1.80	TPY
Pump Seals - Gas	15	X	5.29E-03	lb/hr/source	X	75.00%	=	0.02	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.09	TPY
Other - Gas	17	X	1.94E-02	lb/hr/source	X	0.00%	=	0.33	lb/hr	X	8,760	X	0.0005	ton/lb	=	1.44	TPY
Connectors - Gas	188	X	4.41E-04	lb/hr/source	X	30.00%	=	0.06	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.25	TPY
Flanges - Gas	127	X	8.60E-04	lb/hr/source	X	30.00%	=	0.08	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.33	TPY
Open-Ended Lines - Gas	21	X	4.41E-03	lb/hr/source	X	100.00%	=	0.00	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.00	TPY

Equipment Information - Liquid Service							TOC Emissions											
Component	Count[1]		Emission Factor[2]			Control Efficiency		Hourly Emissions			Operating Hours		Conversion			Annual Emissions		
Valves - Light Oil	44	X	5.51E-03	lb/hr/source	X	75.00%	=	0.06	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.27	TPY
Pump Seals - Light Oil	4	X	2.87E-02	lb/hr/source	X	75.00%	=	0.03	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.13	TPY
Other - Light Oil	20	X	1.65E-02	lb/hr/source	X	0.00%	=	0.33	lb/hr	X	8,760	X	0.0005	ton/lb	=	1.45	TPY
Connectors - Light Oil	88	X	4.63E-04	lb/hr/source	X	30.00%	=	0.03	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.12	TPY
Flanges - Light Oil	8	X	2.43E-04	lb/hr/source	X	30.00%	=	0.00	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.01	TPY
Open-Ended Lines - Light Oil	8	X	3.09E-03	lb/hr/source	X	100.00%	=	0.00	lb/hr	X	8,760	X	0.0005	ton/lb	=	0.00	TPY

Notes:
1) Component count estimated based on equipment at a similar facility.
2) Emission Factor Source: EPA-453/R-95-017. TOC multiplied by pollutant content of streams (weight %) to obtain pollutant emissions.
3) Control efficiencies taken for OOOOb OGI program.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Fugitive Emissions Calculations

Component	VOC Emissions				CO_2 Emissions				CH_4 Emissions				H_2S Emissions			
Valves - Gas	0.07	lb/hr	0.32	TPY	0.01	lb/hr	0.03	TPY	0.27	lb/hr	1.20	TPY	<0.01	lb/hr	<0.01	TPY
Pump Seals - Gas	<0.01	lb/hr	0.02	TPY	<0.01	lb/hr	<0.01	TPY	0.01	lb/hr	0.06	TPY	<0.01	lb/hr	<0.01	TPY
Other - Gas	0.06	lb/hr	0.26	TPY	0.01	lb/hr	0.02	TPY	0.22	lb/hr	0.96	TPY	<0.01	lb/hr	<0.01	TPY
Connectors - Gas	0.01	lb/hr	0.05	TPY	<0.01	lb/hr	<0.01	TPY	0.04	lb/hr	0.17	TPY	<0.01	lb/hr	<0.01	TPY
Flanges - Gas	0.01	lb/hr	0.06	TPY	<0.01	lb/hr	0.01	TPY	0.05	lb/hr	0.22	TPY	<0.01	lb/hr	<0.01	TPY
Open-Ended Lines - Gas	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Valves - Light Oil	0.06	lb/hr	0.27	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Pump Seals - Light Oil	0.03	lb/hr	0.13	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Other - Light Oil	0.33	lb/hr	1.45	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Connectors - Light Oil	0.03	lb/hr	0.12	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Flanges - Light Oil	<0.01	lb/hr	0.01	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Open-Ended Lines - Light Oil	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Total	**0.61**	**lb/hr**	**2.67**	**TPY**	**0.01**	**lb/hr**	**0.06**	**TPY**	**0.60**	**lb/hr**	**2.62**	**TPY**	**<0.01**	**lb/hr**	**<0.01**	**TPY**

Component	n-Hexane Emissions				Benzene Emissions				Toluene Emissions				Ethylbenzene Emissions				Xylene Emissions				2,2,4-Trimethylpentane Emissions			
Valves - Gas	<0.01	lb/hr	0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Pump Seals - Gas	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Other - Gas	<0.01	lb/hr	0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Connectors - Gas	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Flanges - Gas	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Open-Ended Lines - Gas	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Valves - Light Oil	<0.01	lb/hr	0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Pump Seals - Light Oil	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Other - Light Oil	0.01	lb/hr	0.03	TPY	<0.01	lb/hr	0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Connectors - Light Oil	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Flanges - Light Oil	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	<0.01	lb/hr	<0.01	TPY	0.00	lb/hr	0.00	TPY
Open-Ended Lines - Light Oil	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY	0.00	lb/hr	0.00	TPY
Total	**0.01**	**lb/hr**	**0.06**	**TPY**	**<0.01**	**lb/hr**	**0.01**	**TPY**	**<0.01**	**lb/hr**	**<0.01**	**TPY**	**<0.01**	**lb/hr**	**<0.01**	**TPY**	**<0.01**	**lb/hr**	**<0.01**	**TPY**	**0.00**	**lb/hr**	**0.00**	**TPY**

Notes:
1) TOC from previous table multiplied by pollutant content of streams (weight%) to obtain pollutant emissions. See attached analyses table.

EnLink Midstream Services, L.L.C.
Silver Compressor Station
Miscellaneous Venting and Blowdown Emissions Calculations

Component	Molecular Weight	Stream 1 Inlet Gas	Emissions	
		Mole %	scf/yr[1]	TPY[2]
Hydrogen Sulfide	34.081	0.000%	2	<0.01
Carbon Dioxide	44.010	0.726%	8,712	0.51
Nitrogen	28.013	0.414%	4,968	0.18
Helium	4.003	0.000%	0	0.00
Oxygen	31.999	0.005%	60	<0.01
Methane	16.043	82.127%	985,524	20.84
Ethane	30.069	10.112%	121,344	4.81
Propane	44.096	3.846%	46,152	2.68
i-Butane	58.122	0.524%	6,288	0.48
n-Butane	58.122	1.192%	14,304	1.10
i-Pentane	72.149	0.296%	3,552	0.34
n-Pentane	72.149	0.367%	4,404	0.42
n-Hexane	86.175	0.104%	1,248	0.14
Other Hexanes	86.175	0.133%	1,596	0.18
Heptanes	100.202	0.096%	1,152	0.15
Benzene	78.114	0.004%	48	<0.01
Toluene	92.141	0.008%	96	0.01
Ethylbenzene	106.167	0.000%	0	0.00
Xylenes	106.167	0.005%	60	0.01
Octanes	114.229	0.034%	408	0.06
2,2,4-Trimethylpentane	114.231	0.000%	0	0.00
Nonanes	128.255	0.005%	60	0.01
Decanes	142.282	0.002%	24	<0.01
	Totals =	100.000%	**1,200,002**	**31.93**
		Total VOC =	**79,392**	**5.59**
		Total HAP =	**1,452**	**0.17**

Estimated Annual Volume 1,200,000 scf/yr
Molar volume conversion @60° F and 1 atm: 1 lb/mole = 379.4 scf

Notes:
1) Calculated as follows: Total Losses scf/yr * mol% of component.
2) Calculated as follows: component scf/yr / 379.4 molar volume conversion * MW component / 2000 lb/ton.