

**TABLE 2
POTENTIAL TO EMIT SUMMARY
2016 Emissions Evaluation Report**

POINT NO.	POINT DESCRIPTION	DESIGN RATE/ CAPACITY	POTENTIAL TO EMIT (tons per year)											
			PM ₁₀	SO _x	NO _x	VOC	CO	Lead	HAPs	PM _{2.5}	NH ₃	PM cond	CO ₂	CH ₄
EP-04	Diesel Emergency Generator	11.76 MMBtu/hr (<500 hrs/yr)	0.97	0.91	13.83	0.02	2.98	0.00	0.00	0.97	0.00	0.00	2518.70	0.01
EP-12	Fuel Oil Storage Tank (3,000 gallon capacity)	3,000 gallons (per EP-04, limited)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP-13	Thomas Jefferson Hall Boilers (3 units)	13.86 MMBtu/hr	0.44	0.04	5.84	0.32	4.90	0.00	0.66	0.11	0.00	0.33	7004.63	0.13
EP-16	Rock Mechanics Building Boiler	1.491 MMBtu/hr	0.05	0.00	0.63	0.03	0.53	0.00	0.07	0.01	0.00	0.04	753.53	0.01
EP-17	General Services Building Boiler	1.469 MMBtu/hr	0.05	0.00	0.62	0.03	0.52	0.00	0.07	0.01	0.00	0.04	742.41	0.01
EP-18	BOM #1 Boilers (2 units)	2.0 MMBtu/hr	0.06	0.01	0.84	0.05	0.71	0.00	0.10	0.02	0.00	0.05	1010.77	0.02
EP-22	Residential Hall 1 Boilers (3 units)	5.70 MMBtu/hr	0.18	0.01	2.40	0.13	2.02	0.00	0.27	0.05	0.00	0.14	2880.69	0.06
EP-23	Havener Center Boilers (2 units)	5.78 MMBtu/hr	0.19	0.01	2.43	0.13	2.04	0.00	0.14	0.05	0.00	0.14	2921.12	0.06
EP-24	Residential Hall 2 Boilers (2 units)	7.30 MMBtu/hr	0.23	0.02	3.07	0.17	2.58	0.00	0.17	0.06	0.00	0.18	3689.31	0.07
EP-25	McNutt Hall, Geothermal Boilers (5 units)	15.0 MMBtu/hr	0.48	0.04	6.32	0.35	5.31	0.00	0.71	0.12	0.00	0.36	7580.77	0.15
EP-26	MRC Hall, Geothermal Boilers (4 units)	12.0 MMBtu/hr	0.38	0.03	5.05	0.28	4.25	0.00	0.57	0.10	0.00	0.29	6064.62	0.12
EP-27	Tommey Hall, Geothermal Boilers (3 units)	8.0 MMBtu/hr	0.26	0.02	3.37	0.19	2.83	0.00	0.38	0.06	0.00	0.19	4043.08	0.08
EP-28	Chemical Engineering Boilers & HW (6 units)	16.9 MMBtu/hr	0.54	0.04	7.12	0.39	5.98	0.00	0.80	0.14	0.00	0.41	8541.00	0.16
EP-29	University Commons Boilers & HHW (4 units)	7.0 MMBtu/hr	0.22	0.02	2.95	0.16	2.48	0.00	0.33	0.06	0.00	0.17	3537.69	0.07
IS-HHW-24	Basic Engineering IEB Boiler	1.3 MMBtu/hr	0.04	0.00	0.57	0.03	0.47	0.00	0.06	0.01	0.00	0.03	678.23	0.01
IS-HHW-25	Altman Hall Boiler	1.2 MMBtu/hr	0.04	0.00	0.52	0.03	0.43	0.00	0.06	0.01	0.00	0.03	618.59	0.01
IS-HHW-26	Schrenk Hall Geothermal Assist Boiler	1.2 MMBtu/hr	0.04	0.00	0.51	0.03	0.42	0.00	0.06	0.01	0.00	0.03	606.46	0.01
NA	All Other Insignificant NG Sources (24 units)	24.0 MMBtu/hr	0.77	0.06	10.11	0.56	8.49	0.00	1.14	0.19	0.00	0.58	12129.23	0.23
TOTALS		113.16	4.95	1.22	66.17	2.91	46.94	0.00	5.60	1.97	0.00	2.98	65,321	1.22
TOTALS without exempt units		89.16	4.18	1.16	56.06	2.35	38.45	0.00	4.46	1.78	0.00	2.41	53,192	0.98