### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

#### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem	p °F Out	Result	Comments
296097	Univent	A / 1st / A101	Univent, 0-5'	TS-A	Barnes & Jones	3590	1/2"	4	80	80	NIS	No Trap Station Components. Valved Out.
296098	Radiator Trap	A / 1st / A101	Radiator Trap Inside Univent, 0-5'	TS-A	Barnes & Jones	3590	1/2"	4	216	209	OK	Thermostatic Radiator Valve. No Trap Station Components.
296099	Univent	A / 1st / A101B	Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	215	198	OK	No Trap Station Components.
296100	Radiator Trap	A / 1st / A101B	Radiator Trap Inside Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
296169	Univent	A / 1st / A102	Univent, 0-5'	TS-A	Barnes & Jones	3590	1/2"	4	216	212	L	No Trap Station Components.
296170	Radiator Trap	A / 1st / A102	Radiator Trap Inside Univent, 0-5'	TS-A	Barnes & Jones	3590	1/2"	4	216	212	OK	Thermostatic Radiator Valve. No Trap Station Components.
296090	Univent	A / 1st / A106	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	200	OK	No Trap Station Components.
296091	Radiator Trap	A / 1st / A106	Corner Of Rm, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	216	189	OK	DDC Radiator Valve. No Trap Station Components.
296094	Univent	A / 1st / A107	Right Wall Near Closet, 0-5'	TS-A	Spirax Sarco	N/A	1/2"	4	NA	NA	NA	No Trap Station Components. Cover Is In Wall. Will Need To Cut Wall.
296087	Univent	A / 1st / A109	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	199	OK	No Trap Station Components.
296088	Radiator Trap	A / 1st / A109	Right Corner, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296085	Univent	A / 1st / A111	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	178	ОК	No Trap Station Components.
296086	Radiator Trap	A / 1st / A111	Univent, 0-5'	TS-A	Barnes & Jones	3GH	1/2"	4	212	198	OK	DDC Radiator Valve. No Trap Station Components.
296083	Univent	A / 1st / A112	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	200	OK	No Trap Station Components.
296084	Radiator Trap	A / 1st / A112	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	3GH	1/2"	4	217	194	OK	DDC Radiator Valve. No Trap Station Components.
296081	Univent	A / 1st / A113	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	215	В	No Trap Station Components.

### 2021 Steam Trap Efficiency Report

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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296082	Radiator Trap	A / 1st / A113	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	3GH	1/2"	4	216	212	В	DDC Radiator Valve. No Trap Station Components.
296078	Univent	A / 1st / A115	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	198	OK	No Trap Station Components.
296077	Univent	A / 1st / A116	Univent, 0-5'	TS-A	Barnes & Jones	122A	1/2"	4	221	218	L	No Trap Station Components.
296092	Univent	A / 1st / A117C	Kitchen Table Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296093	Radiator Trap	A / 1st / A117C	Corner Radiator, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296311	Radiator Trap	A / 1st / A118	Right Wall, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	217	189	OK	DDC Radiator Valve. No Trap Station Components.
296310	Radiator Trap	A / 1st / A119	Back Wall, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	213	214	L	DDC Radiator Valve. No Trap Station Components.
296308	Radiator Trap	A / 1st / A120	On Wall, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	214	184	OK	DDC Radiator Valve. No Trap Station Components.
296306	Radiator Trap	A / 1st / A121	On Wall, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	218	214	В	DDC Radiator Valve. No Trap Station Components.
296304	Radiator Trap	A / 1st / A122	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	212	178	OK	DDC Radiator Valve. No Trap Station Components.
296305	Radiator Trap	A / 1st / A122	Left Radiator, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	220	188	OK	DDC Radiator Valve. No Trap Station Components.
296316	Univent	A / 1st / A128	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	189	OK	No Trap Station Components.
296317	Radiator Trap	A / 1st / A128	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	217	189	OK	DDC Radiator Valve. No Trap Station Components.
296314	Univent	A / 1st / A129	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	220	217	L	No Trap Station Components.
296315	Radiator Trap	A / 1st / A129	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	214	212	L	DDC Radiator Valve. No Trap Station Components.
296312	Univent	A / 1st / A132	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	187	OK	No Trap Station Components.
296313	Radiator Trap	A / 1st / A132	Against Wall, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296095	Radiator Trap	A / 1st / Girls Bathroom	On Wall, 0-5'	TS-S	Barnes & Jones	122	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.

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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
296096	Radiator Trap	A / 1st / Hallway	Across From A102, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out. DDC Valve Broken Off
296301	Radiator Trap	A / 1st / Hallway	Beginning Of A Bldg Right Side Of Lockers, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	217	198	L	DDC Radiator Valve. No Trap Station Components.
296302	Radiator Trap	A / 1st / Hallway	Beginning Of A Bldg Left Side Of Lockers, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	220	186	OK	DDC Radiator Valve. No Trap Station Components.
296307	Drip Leg	A / 1st / Hallway	Opposite Rm A121, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	NA	NA	RIP	. Valved Out, Disconnected From System.
296303	Radiator Trap	A / 1st / Men's Bathroom	On Wall, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296309	Radiator Trap	A / 1st / Office Right Of A-116	Right Wall, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296079	Radiator Trap	A / 1st / A115	Right Corner, 0-5'	TS-A	Barnes & Jones	3GH	1/2"	4	216	212	В	DDC Radiator Valve. No Trap Station Components.
296337	Radiator Trap	A / 2nd / A201	Back Right Corner By Water Cooler, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296336	Radiator Trap	A / 2nd / A201A	Left Corner Of Rm, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	221	198	OK	DDC Radiator Valve. No Trap Station Components.
296338	Radiator Trap	A / 2nd / A202A	Back Corner, 0-5'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Mounted Desk In Way.
296339	Radiator Trap	A / 2nd / A203	Back Wall, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	80	80	NIS	DDC Radiator Valve. Inlet Isolation. Valved Out.
296340	Univent	A / 2nd / A206	Univent, 0-5'	FT	Barnes & Jones	FT2015-A	3/4"	4	216	200	ОК	No Trap Station Components.
296341	Radiator Trap	A / 2nd / A206	Corner Of Rm, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	215	213	В	DDC Radiator Valve. No Trap Station Components.
296342	Univent	A / 2nd / A207	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	206	ОК	No Trap Station Components.
296343	Radiator Trap	A / 2nd / A207	Right Wall Radiator, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	221	189	L	DDC Radiator Valve. No Trap Station Components.
296344	Radiator Trap	A / 2nd / A208	Left Back Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	215	212	L	DDC Radiator Valve. No Trap Station Components.
296345	Univent	A / 2nd / A208	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	4	215	200	OK	No Trap Station Components.

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_			Table 1: All	Steam [	Гrap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296346	Univent	A / 2nd / A211	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	184	OK	No Trap Station Components.
296347	Radiator Trap	A / 2nd / A211	Right Radiator, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	217	208	OK	DDC Radiator Valve. No Trap Station Components.
296348	Radiator Trap	A / 2nd / A212	Left Radiator, 0-5'	TS-A	Spirax Sarco	125	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296349	Univent	A / 2nd / A212	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	198	OK	No Trap Station Components.
296352	Univent	A / 2nd / A213	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	177	ОК	No Trap Station Components.
296353	Radiator Trap	A / 2nd / A213	Right Radiator In Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	214	178	OK	DDC Radiator Valve. No Trap Station Components.
296364	Univent	A / 2nd / A214	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	176	OK	No Trap Station Components.
296355	Radiator Trap	A / 2nd / A214	Radiator Back Wall, 0-5'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Desk Mounted.
296356	Univent	A / 2nd / A215	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	195	OK	No Trap Station Components.
296357	Radiator Trap	A / 2nd / A215	Radiator In Right Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	213	212	L	DDC Radiator Valve. No Trap Station Components.
296358	Radiator Trap	A / 2nd / A215	Univent Left Side, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	215	178	OK	DDC Radiator Valve. No Trap Station Components.
296611	Univent	A / 2nd / A215	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	199	ОК	No Trap Station Components.
296350	Radiator Trap	A / 2nd / A217B	Right Corner Radiator Under Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296351	Univent	A / 2nd / A217B	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	201	OK	No Trap Station Components.
296327	AHU	A / 2nd / A218	Steam Coil In Corner Under Panel, 0-5'	TS-A	Spirax Sarco	125	1/2"	4	216	189	OK	No Trap Station Components.
296328	Radiator Trap	A / 2nd / A218	Radiator In Right Corner Behind Cabinets, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Loaded Cabinets In Way.
296325	AHU	A / 2nd / A219	Steam Coil In Corner Under Panel, 0-5'	TS-A	Spirax Sarco	125A	1/2"	4	214	212	L	Outlet Isolation.

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			Table 1. All	Steam	Trap Surve	y Informatio	11		-			
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296326	Radiator Trap	A / 2nd / A219	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	217	200	OK	DDC Radiator Valve. No Trap Station Components.
296323	AHU	A / 2nd / A220	Steam Coil In Corner Under Panel, 0-5'	TS-A	Spirax Sarco	125	1/2"	4	216	197	OK	No Trap Station Components.
296321	AHU	A / 2nd / A221	Steam Coil In Corner Under Panel, 0-5'	TS-A	Spirax Sarco	125	1/2"	4	216	187	OK	No Trap Station Components.
296322	Radiator Trap	A / 2nd / A221	Radiator Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	215	189	OK	DDC Radiator Valve. No Trap Station Components.
296319	AHU	A / 2nd / A222	Steam Coil Under Panel, 0-5'	TS-A	Spirax Sarco	125A	1/2"	4	215	212	L	No Trap Station Components.
296320	Radiator Trap	A / 2nd / A222	Left Radiator In Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	217	189	OK	DDC Radiator Valve. No Trap Station Components.
296324	Radiator Trap	A / 2nd / A226A	On Wall, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	220	219	В	DDC Radiator Valve. No Trap Station Components.
296331	Univent	A / 2nd / A228	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	198	OK	No Trap Station Components.
296332	Radiator Trap	A / 2nd / A228	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	216	213	В	DDC Radiator Valve. No Trap Station Components.
296333	Univent	A / 2nd / A229	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	199	OK	No Trap Station Components.
296334	Radiator Trap	A / 2nd / A229	Radiator In Right Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	215	213	L	DDC Radiator Valve. No Trap Station Components.
296329	Univent	A / 2nd / A232	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	186	OK	No Trap Station Components.
296330	Radiator Trap	A / 2nd / A232	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	4	214	176	OK	DDC Radiator Valve. No Trap Station Components.
296335	Radiator Trap	A / 2nd / Hallway	Across From A201, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296318	Radiator Trap	A / 2nd / Women's Bathroom	On Wall, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	217	212	L	DDC Radiator Valve. No Trap Station Components.
296080	Univent	A / Basement / 1st	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	212	L	No Trap Station Components.
296076	Radiator Trap	A / Basement / Entrance 4	Radiator On Wall, 5-10'	TS-A	Nicholson	N/A	1"	4	212	187	OK	DDC Radiator Valve. No Trap Station Components.
296359	Radiator Trap	A / Ground / A007	Radiator Back Wall00I, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	216	198	OK	Thermostatic Radiator Valve. No Trap Station Components.

 Table 1: All Steam Trap Survey Information

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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296360	Reheat Coil	A / Ground / A007	Reheat Coil Up Above, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	80	80	NIS	No Trap Station Components. Valved Out.
296050	Drip Leg	A / Ground / A016	Against Back Wall, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Outlet Isolation. Valved Out.
296055	Drip Leg	A / Ground / B Rm Boiler Rm	Steam Tunnel In Corner, 0-5'	FT	Barnes & Jones	N/A	3/4"	4	NA	NA	NA	No Trap Station Components. Confined Space.
296034	Drip Leg	A / Ground / Boiler Rm	Right Upon Entrance In Corner, 10-15'	TS-A	Barnes & Jones	122	1/2"	2	NA	NA	RIP	Valved Out, Disconnected From System.
296035	Drip Leg	A / Ground / Boiler Rm	Right Upon Entrance At Corner, Above 15'	FT	Spirax Sarco	FTI15	3/4"	2	80	80	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296036	Drip Leg	A / Ground / Boiler Rm	Boiler 2, 5-10'	FT	Barnes & Jones	FT2015 <b>-</b> 4	1"	4	80	80	NIS	Strainer, Blowdown. Valved Out.
296037	Drip Leg	A / Ground / Boiler Rm	Boiler 1, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	80	80	NIS	Strainer, Blowdown. Valved Out, Disconnected From System.
296038	Drip Leg	A / Ground / Boiler Rm	1st Trap Off Steam Main Left Wall, 10-15'	FT	Barnes & Jones	FT2015-6	1 1/2"	4	218	194	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296039	Drip Leg	A / Ground / Boiler Rm	2nd Trap Off Steam Main Left Wall, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	80	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296040	Drip Leg	A / Ground / Boiler Rm	3rd Trap Off Steam Main Left Wall, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	212	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296041	Drip Leg	A / Ground / Boiler Rm	4th Trap Off Steam Main Left Wall, 10-15'	FT	Barnes & Jones	FT2015-6	1 1/2"	4	218	214	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296042	Drip Leg	A / Ground / Boiler Rm (Rm Before Rm That Houses Boilers)	By Stairs Leading Down To Boilers, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	187	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296043	Drip Leg	A / Ground / Boiler Rm (Rm Before Rm That Houses Boilers)	By Exit Door, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	189	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296044	Drip Leg	A / Ground / Boiler Rm (Rm Before Rm That Houses Boilers)	On Top Of Unit, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	199	ОК	Inlet Isolation, Strainer, Outlet Isolation.
296045	Drip Leg	A / Ground / C-146	Entrance, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	215	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296046	Drip Leg	A / Ground / C-146	Left Above Header, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	200	В	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296047	Drip Leg	A / Ground / C-146	Left Side Next To Header, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	189	OK	Inlet Isolation, Strainer, Outlet Isolation.

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	Table 1: All	Steam T	<b>Frap Survey</b>	y Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296048	Drip Leg	A / Ground / C-146	Left Corner Above Steam Tunnel, 5-10'	FT	Barnes & Jones	FTI2015-5	1 1/4"	4	214	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296049	Drip Leg	A / Ground / C-146	Left Corner On Wall, 5-10'	FT	Barnes & Jones	FTI2015-4	1"	4	218	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296054	Unit Heater	A / Ground / Hallway	Outside A006, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
296051	Drip Leg	A / Ground / Unmarked Rm Right Of A015	Back Wall, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	NA	NA	RIP	Valved Out, Disconnected From System.
300654	Drip Leg	B / Basement / NE Tunnel	25 Ft In, 0-5'	FT	Nicholson	SERIESG6G	3/4"	3	76	76	Р	Inlet Isolation, Strainer, Outlet Isolation. Cap Leaking Steam And Condensate.
300655	Drip Leg	B / Basement / NE Tunnel	At 1st Corner, 0-5'	FT	Nicholson	8G	1 1/4"	3	214	207	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Inlet Isolation Leaking Steam And Condensate.
300656	Drip Leg	B / Basement / NE Tunnel	Around 1st Corner, 0-5'	FT	Nicholson	7G	1"	3	216	206	L	Inlet Isolation, Strainer, Outlet Isolation. Inlet Isolation Leaking Steam And Condensate.
300657	Drip Leg	B / Basement / NE Tunnel	At T, 0-5'	FT	Nicholson	8G	1 1/4"	3	217	210	L	Inlet Isolation, Strainer, Outlet Isolation.
300641	Drip Leg	B / Basement / Boiler Rm (Northwest Tunnel)	First Trap Around Corner, 5-10'	FT	Nicholson	7G	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300642	Drip Leg	B / Basement / Boiler Rm (Northwest Tunnel)	End Of Corridor Left Once In More Open Space, 5-10'	TS-A	Barnes & Jones	134	3/4"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300643	Drip Leg	B / Basement / Boiler Rm (Northwest Tunnel)	End Of Tunnel Into Large Open Space Middle Of Rm, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300632	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Towards End Of First Passageway On Wall, 0-5'	FT	Nicholson	8G	1 1/4"	3	215	212	L	Inlet Isolation, Strainer, Outlet Isolation. Inlet Union Leaking Steam.
300633	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Around First Corner On Wall, 0-5'	FT	Nicholson	8G	1 1/4"	3	215	215	В	Inlet Isolation, Strainer, Outlet Isolation.
300634	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Direct Middle Of Tunnel After Left Turn By Two Access Areas, 0-5'	FT	Nicholson	8G	1 1/4"	3	216	212	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam	rap surve	ey informatio	11					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
300653	Reheat Coil	B / Basement / Boiler Rm (Southwest Tunnel)	At Unit In Back, 0-5'	FT	Nicholson	6G	3/4"	3	80	80	NIS	Inlet Isolation, Strainer, Outlet Isolation. Valved Out.
300636	Drip Leg	B / Basement / Boiler Rm (Southwest Tunnel)	At AHU Unit, 5-10'	TS-A	Мерсо	1E	1/2"	3	80	80	NIS	No Trap Station Components. Valved Out.
300637	Reheat Coil	B / Basement / Boiler Rm (Southwest Tunnel)	Under Unit, 5-10'	FT	Nicholson	6G	3/4"	3	216	198	OK	Inlet Isolation, Strainer, Outlet Isolation.
300638	Drip Leg	B / Basement / Boiler Rm (Southwest Tunnel)	At Unit, 5-10'	TS-A	Мерсо	1E	1/2"	3	216	198	OK	No Trap Station Components.
300639	Drip Leg	B / Basement / Boiler Rm (Southwest Tunnel)	Straight Back Behind Unit, 5-10'	TS-A	Spirax Sarco	RTA125	3/4"	3	216	193	OK	No Trap Station Components.
300640	Drip Leg	B / Basement / Boiler Rm (Southwest Tunnel)	Straight Back At Corner Turning Right, 5-10'	FT	Nicholson	6G	3/4"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300644	Drip Leg	B / Basement / C001C Access Panel (Small Tunnel To Left)	Right Around First Corner, 5-10'	TS-S	N/A	N/A	3/4"	3	215	215	L	No Trap Station Components.
300658	Drip Leg	C / Basement / C001-C	1st Trap, 0-5'	FT	Barnes & Jones	FT2015-5	1 1/4"	3	215	193	OK	Inlet Isolation, Strainer.
300659	Drip Leg	C / Basement / C001-C	2nd Trap, 0-5'	FT	Barnes & Jones	FTI2015-8	2"	3	84	84	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation Leaking Condensate.
300660	Drip Leg	C / Basement / C001-C	In Space Left Of 2nd Trap, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	219	173	OK	Inlet Isolation, Strainer, Outlet Isolation.
296821	Unit Heater	C / 1st / 2nd Garage	Outside Office, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	217	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296822	Radiator Trap	C / 1st / 2nd Garage	Empty Office In Second Garage, 0-5'	TS-A	Barnes & Jones	3507	3/4"	4	215	194	OK	DDC Radiator Valve. No Trap Station Components.
296750	Radiator Trap	C / 1st / C001	Storage Closet In Back, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	212	176	OK	Manual Radiator Valve. No Trap Station Components.
296751	Univent	C / 1st / C001	Left Univent, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	214	177	ОК	No Trap Station Components.
296752	Univent	C / 1st / C001	Right Univent, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	215	187	OK	No Trap Station Components.
296748	Univent	C / 1st / C001A	Univent, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	216	187	OK	No Trap Station Components.
296749	Radiator Trap	C / 1st / C001B	Radiator Back Wall, 0-5'	TS-A	Barnes & Jones	3507	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.

 Table 1: All Steam Trap Survey Information

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### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam	rap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296753	Radiator Trap	C / 1st / C002	Radiator By Exit Door, 0-5'	TS-A	Barnes & Jones	3507	1/2"	4	215	178	OK	DDC Radiator Valve. Outlet Isolation.
300671	Reheat Coil	C / 1st / C002A	First Heating Coil, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	198	OK	Strainer.
300672	Reheat Coil	C / 1st / C002A	2nd Reheat Coil, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	187	OK	Strainer.
300673	Drip Leg	C / 1st / C002A	Drip, 5-10'	TS-A	Barnes & Jones	1721	1/2"	3	215	176	ОК	No Trap Station Components.
296754	Unit Heater	C / 1st / C002C	AHU Behind Wood Storage, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	212	188	OK	No Trap Station Components.
296755	Radiator Trap	C / 1st / C003	On Wall, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	215	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
296746	Univent	C / 1st / C007	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	186	ОК	No Trap Station Components.
296747	Radiator Trap	C / 1st / C007	Radiator Right, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296744	Univent	C / 1st / C008	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	178	ОК	No Trap Station Components.
296745	Radiator Trap	C / 1st / C008	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	216	187	ОК	DDC Radiator Valve. No Trap Station Components.
296756	Univent	C / 1st / C009	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out, Disconnected From System, Could Not Turn On.
296757	Radiator Trap	C / 1st / C009	Radiator Right, 0-5'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Blocked By Cabinets.
296737	Univent	C / 1st / C010	Univent, 0-5'	FT	Hoffman	FT015H	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out, Disconnected From System, Could Not Turn On.
296738	Radiator Trap	C / 1st / C010	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	216	80	Р	Thermostatic Radiator Valve. No Trap Station Components.
296741	Univent	C / 1st / C011	Univent, 0-5'	TS-S	Barnes & Jones	2819	1/2"	4	216	198	OK	No Trap Station Components.
296743	Radiator Trap	C / 1st / C011	Radiator Right Corner, 0-5'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Blocked.
296739	Univent	C / 1st / C014	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	220	198	ОК	No Trap Station Components.

Table 1: All Steam Trap Survey Information

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Гrap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296740	Radiator Trap	C / 1st / C014	Radiator Left, 0-5'	TS-A	Barnes & Jones	1949	1/2"	4	217	80	Р	DDC Radiator Valve. No Trap Station Components.
296758	Univent	C / 1st / C022	Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	4	214	214	L	No Trap Station Components.
296759	Radiator Trap	C / 1st / C022	Back Corner, 0-5'	TS-A	Barnes & Jones	12819	1/2"	4	220	218	L	DDC Radiator Valve. No Trap Station Components.
296760	Radiator Trap	C / 1st / C022	Next To Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	221	189	OK	DDC Radiator Valve. No Trap Station Components.
296818	Radiator Trap	C / 1st / C030	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	221	199	OK	DDC Radiator Valve. No Trap Station Components.
296736	Univent	C / 1st / C-12	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	212	L	No Trap Station Components.
296735	Univent	C / 1st / C-15	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	221	197	OK	No Trap Station Components.
296734	Radiator Trap	C / 1st / C-15B	Radiator Left Corner, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	220	187	OK	DDC Radiator Valve. No Trap Station Components.
296819	Unit Heater	C / 1st / C-24	Back Wall Unit Heater, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
296820	Unit Heater	C / 1st / Garage	Unit Heater Outside Maintenance Mechanic Shop, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296817	Radiator Trap	C / 1st / Hallway	Bottom Of Stairs Before Going To A Bldg, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	215	177	OK	DDC Radiator Valve. No Trap Station Components.
296823	Unit Heater	C / 1st / Telephone Rm	Right Rm In Hallway (Weightlifting), 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
296824	Unit Heater	C / 1st / Telephone Rm	Left Hand Side Rm Before Tunnel, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
296791	Radiator Trap	C / 2nd / C-101A	Under AC Unit, 0-5'	TS-A	Hoffman	17C	1/2"	4	215	201	OK	DDC Radiator Valve. No Trap Station Components.
296792	Radiator Trap	C / 2nd / C-101B	Under AC Unit, 0-5'	TS-A	Hoffman	17C	1/2"	4	217	178	OK	DDC Radiator Valve. No Trap Station Components.
296793	Radiator Trap	C / 2nd / C-101C	Under Ac, 0-5'	TS-A	Hoffman	17C	1/2"	4	214	187	OK	DDC Radiator Valve. No Trap Station Components.

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296789	Univent	C / 2nd / C-102	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	220	212	L	No Trap Station Components.
296790	Radiator Trap	C / 2nd / C-102	Radiator Left, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	221	214	L	DDC Radiator Valve. No Trap Station Components.
296781	Univent	C / 2nd / C-103	Univent Left Side, 0-5'	TS-S	Barnes & Jones	2819	1/2"	4	216	178	OK	No Trap Station Components.
296782	Radiator Trap	C / 2nd / C-103	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	200	OK	DDC Radiator Valve. No Trap Station Components.
296787	Univent	C / 2nd / C-104	Univent Left Side, 0-5'	TS-S	Barnes & Jones	3507	1/2"	4	214	175	ОК	No Trap Station Components.
296788	Radiator Trap	C / 2nd / C-104	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	187	OK	DDC Radiator Valve. No Trap Station Components.
296785	Univent	C / 2nd / C-105	Univent, 0-5'	FT	Barnes & Jones	FT-2015-3	3/4"	4	216	187	ОК	No Trap Station Components.
296786	Radiator Trap	C / 2nd / C-105	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	220	178	OK	DDC Radiator Valve. No Trap Station Components.
296779	Univent	C / 2nd / C-106	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	198	ОК	No Trap Station Components.
296780	Radiator Trap	C / 2nd / C-106	Radiator Right, 0-5'	TS-A	Barnes & Jones	1929	3/4"	4	212	187	OK	DDC Radiator Valve. No Trap Station Components.
296774	Univent	C / 2nd / C-107	Univent Right Corner, 0-5'	TS-A	Barnes & Jones	3507	1/2"	4	217	190	OK	No Trap Station Components.
296775	Univent	C / 2nd / C-107	Univent Left Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	178	ОК	No Trap Station Components.
296776	Radiator Trap	C / 2nd / C-107	Radiator Left Corner, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	217	190	OK	DDC Radiator Valve. No Trap Station Components.
296777	Univent	C / 2nd / C-108	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	198	ОК	No Trap Station Components.
296778	Radiator Trap	C / 2nd / C-108	Radiator Left Corner, 0-5'	TS-A	Barnes & Jones	3146	1/2"	4	216	189	OK	DDC Radiator Valve. No Trap Station Components.
296771	Univent	C / 2nd / C-110	Univent Left Side, 0-5'	TS-S	Barnes & Jones	3507	1/2"	4	214	212	L	No Trap Station Components.
296772	Radiator Trap	C / 2nd / C-110	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	193	OK	DDC Radiator Valve. No Trap Station Components.
296773	Univent	C / 2nd / C-111	Univent, 0-5'	FT	Hoffman	FT015H	3/4"	4	220	197	OK	No Trap Station Components.

### 2021 Steam Trap Efficiency Report

			Table 1: All		rap Surve	y Informatio						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
296767	Univent	C / 2nd / C112	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296768	Radiator Trap	C / 2nd / C116	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	2819	1/2"	4	217	189	OK	DDC Radiator Valve. No Trap Station Components.
296766	Univent	C / 2nd / C117	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	215	120	Р	No Trap Station Components.
296765	Univent	C / 2nd / C119	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296764	Radiator Trap	C / 2nd / C120	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296762	Univent	C / 2nd / C121	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296763	Radiator Trap	C / 2nd / C121	Inside Univent, 0-5'	TS-A	Barnes & Jones	5000	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296761	Radiator Trap	C / 2nd / C-12B	Radiator On Wall, 0-5'	TS-A	Spirax Sarco	125	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296813	Univent	C / 2nd / C141A	Univent, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	218	198	OK	Inlet Isolation.
296814	Radiator Trap	C / 2nd / C141A	Radiator Left Of Univent, 0-5'	TS-S	Barnes & Jones	1990	3/4"	4	215	177	ОК	DDC Radiator Valve. No Trap Station Components.
295812	Radiator Trap	C / 2nd / C144	Radiator Back Wall, 0-5'	TS-S	Barnes & Jones	1990	3/4"	4	214	167	OK	DDC Radiator Valve. No Trap Station Components.
296811	Univent	C / 2nd / C144	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	215	199	ОК	Inlet Isolation.
296809	Univent	C / 2nd / C145	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296810	Radiator Trap	C / 2nd / C145	Radiator Right Of Univent, 0-5'	TS-S	Hoffman	085C	3/4"	4	215	177	ОК	DDC Radiator Valve. No Trap Station Components.
296807	Univent	C / 2nd / C146	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	220	198	OK	No Trap Station Components.
296808	Radiator Trap	C / 2nd / C146	Radiator Left Of Univent, 0-5'	TS-S	Barnes & Jones	3500	3/4"	4	215	198	OK	DDC Radiator Valve. Outlet Isolation.
296804	Univent	C / 2nd / C147A	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	213	178	OK	No Trap Station Components.
296805	Radiator Trap	C / 2nd / C147A	Radiator Left Of Univent, 0-5'	TS-S	Barnes & Jones	1990	3/4"	4	214	187	OK	DDC Radiator Valve. No Trap Station Components.

 Table 1: All Steam Trap Survey Information

### 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information		Table	1:	All	Steam	Trap	Survey	y Information
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			Table 1. All	1	Tap Surve	ey informatio						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296806	Radiator Trap	C / 2nd / C147A	Radiator Left Of Univent, 0-5'	TS-S	Hoffman	085N	3/4"	4	212	176	OK	DDC Radiator Valve. No Trap Station Components.
296803	Radiator Trap	C / 2nd / C147B	Radiator On Wall, 0-5'	TS-S	Barnes & Jones	1950	3/4"	4	213	200	OK	Manual Radiator Valve. Inlet Isolation, Outlet Isolation.
296799	Radiator Trap	C / 2nd / C-148	On Wall Under Window, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	212	212	L	Manual Radiator Valve. No Trap Station Components.
296797	Univent	C / 2nd / C-150	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	189	OK	No Trap Station Components.
296798	Radiator Trap	C / 2nd / C-150	Radiator Left Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	4	216	90	Р	DDC Radiator Valve. No Trap Station Components.
296794	Univent	C / 2nd / C-151	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	192	OK	No Trap Station Components.
296795	Univent	C / 2nd / C-151	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	177	OK	No Trap Station Components.
296796	Radiator Trap	C / 2nd / C-151	Radiator Right Wall, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	221	187	OK	DDC Radiator Valve. No Trap Station Components.
296769	Radiator Trap	C / 2nd / Hallway	Across From Rm C117, 0-5'	TS-S	Barnes & Jones	3507	1/2"	4	215	187	OK	DDC Radiator Valve. No Trap Station Components.
296770	Radiator Trap	C / 2nd / Hallway	Across From C120, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296800	Radiator Trap	C / 2nd / Hallway	Radiator Across From C147, 0-5'	TS-S	Barnes & Jones	3507	1/2"	4	215	179	OK	DDC Radiator Valve. No Trap Station Components.
296801	Radiator Trap	C / 2nd / Hallway	Across From C146, 0-5'	TS-S	Hoffman	17C	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296802	Radiator Trap	C / 2nd / Hallway	Across From C145 By Doors, 0-5'	TS-S	Barnes & Jones	3507	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296815	Radiator Trap	C / 2nd / Hallway	Across From Main Office By North House (Entrance To A Bldg), 0-5'	TS-S	Barnes & Jones	3507	3/4"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296816	Radiator Trap	C / 2nd / Hallway	Top Of Stairs Before Entrance To A Bldg, 0-5'	TS-S	Barnes & Jones	122	1/2"	4	216	198	OK	DDC Radiator Valve. No Trap Station Components.
296724	Univent	C / 1st / C-16	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	176	OK	No Trap Station Components.
296725	Radiator Trap	C / 1st / C-16	Inside Univent, 0-5'	TS-A	Hoffman	8C	1/2"	4	216	186	OK	DDC Radiator Valve. No Trap Station Components.
296727	Radiator Trap	C / 1st / C-16	Radiator Right Corner, 0-5'	TS-S	Hoffman	8C	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB = Inverted BucketVIB = Vertical Inverted BucketFT = Float & ThermostaticBM = BimetallicTD = ThermostaticTS = ThermostaticOR = Orifice

### 2021 Steam Trap Efficiency Report

			Table 1. All		Trap Surve	y Informatio						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296726	Radiator Trap	C / 1st / C-17	Radiator Right Corner, 0-5'	TS-S	Barnes & Jones	134	3/4"	4	220	198	OK	DDC Radiator Valve. No Trap Station Components.
296728	Univent	C / 1st / C-17	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	183	OK	No Trap Station Components.
296729	Univent	C / 1st / C-18	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	198	L	No Trap Station Components.
296730	Radiator Trap	C / 1st / C-18	Inside Univent, 0-5'	TS-S	Spirax Sarco	125	1/2"	4	219	199	OK	DDC Radiator Valve. No Trap Station Components.
296731	Radiator Trap	C / 1st / C-18	Radiator In Right, 0-5'	TS-A	Barnes & Jones	5000	1/2"	4	215	187	OK	DDC Radiator Valve. No Trap Station Components.
296732	Radiator Trap	C / 1st / C-20	On Wall, 0-5'	TS-A	Erwell	MOD-A-30	1/2"	4	218	198	ОК	Manual Radiator Valve. No Trap Station Components. Manual Valve Radiator Valve Leaking By
296733	Radiator Trap	C / 1st / Hallway	Outside C022, 0-5'	TS-S	Barnes & Jones	5000	1/2"	4	214	212	L	DDC Radiator Valve. No Trap Station Components.
296053	Drip Leg	C / Ground / C031	Above Switchboard, 10-15'	FT	Barnes & Jones	FTI2015	3/4"	4	218	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296052	Drip Leg	C / Ground / Hallway	Outside C031, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296395	Radiator Trap	D / 1st / D108	Radiator Right Of Univent, 0-5'	TS-A	Hoffman	8C	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296396	Univent	D / 1st / D108	Univent, 0-5'	FT	Hoffman	FT015H	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296397	Radiator Trap	D / 1st / D108	Left Of Univent, 0-5'	TS-A	Hoffman	17C	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296394	Radiator Trap	D / 1st / D108A	Radiator In Corner Behind Piano, 5-10'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Large Piano Blocking It.
296399	Radiator Trap	D / 1st / D110	Middle Of Back Wall, 0-5'	TS-S	Barnes & Jones	5000	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296398	Radiator Trap	D / 1st / D110A	In Corner, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	218	194	OK	DDC Radiator Valve. No Trap Station Components.
296400	Radiator Trap	D / 1st / D110B	Radiator Right Wall, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	216	195	OK	DDC Radiator Valve. No Trap Station Components.
296401	Radiator Trap	D / 1st / D114	Left Back Corner, 0-5'	TS-S	Barnes & Jones	5000	1/2"	4	216	188	OK	DDC Radiator Valve. No Trap Station Components.

**Table 1: All Steam Trap Survey Information** 

### 2021 Steam Trap Efficiency Report

			Table 1: All	1	Frap Surve	y Informatio		G	T	01	1	l
Tag #	Application	<b>Building / Floor / Room</b>	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296402	Radiator Trap	D / 1st / D114	Corner Opposite Entrance, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	220	198	OK	DDC Radiator Valve. No Trap Station Components.
296405	Radiator Trap	D / 1st / D116	Corner Radiator, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	220	218	L	DDC Radiator Valve. No Trap Station Components.
296406	Radiator Trap	D / 1st / D116B	Right Corner Of Rm, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	214	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
296409	Radiator Trap	D / 1st / D117	Radiator Behind Storage, 0-5'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Storage Blocking Radiator.
296407	Radiator Trap	D / 1st / D117A	Right Corner, 0-5'	TS-A	Barnes & Jones	1929	1/2"	4	215	193	OK	DDC Radiator Valve. No Trap Station Components.
296404	Radiator Trap	D / 1st / Hallway	Outside D116C, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	200	OK	DDC Radiator Valve. No Trap Station Components.
296408	Radiator Trap	D / 1st / Hallway	Outside D117A, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296410	Radiator Trap	D / 1st / Hallway	Outside D117, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296403	Radiator Trap	D / 1st / Stairwell Outside D114	On Platform, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	214	176	OK	Manual Radiator Valve. No Trap Station Components.
296336	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Along Right Wall Second Drip After Electrical Boxes, 10-15'	TS-A	Barnes & Jones	1929	3/4"	4	217	198	OK	No Trap Station Components.
296379	AHU	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Left Corner, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	217	188	OK	No Trap Station Components.
296380	AHU	D / Ground / Caged Rm Across From D005(Other AHU Rm)	In Corner Behind Condensate Pit, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
296381	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Corner Behind Condensate Pump, 5-10'	FT	Spirax Sarco	FT15	3/4"	4	218	198	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296382	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Corner Behind Condensate Pump, 5-10'	FT	Spirax Sarco	FT15	3/4"	4	214	187	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Condensate pump Leaking Steam And Condensate.

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296383	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Upon Entrance Second Drip Along Right Wall, 10-15'	TS-A	Barnes & Jones	1929	3/4"	4	216	219	L	No Trap Station Components.
296384	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Upon Entrance Third Drip Along Right Wall, 10-15'	TS-A	Barnes & Jones	1929	3/4"	4	216	212	L	No Trap Station Components.
296385	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Along Right Wall Next To Electrical Box, 10-15'	TS-A	Barnes & Jones	1929	3/4"	4	216	212	L	No Trap Station Components.
296387	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Along Right Wall Third Drip After Electrical Boxes, 10-15'	TS-A	Barnes & Jones	1929	3/4"	4	217	187	OK	No Trap Station Components.
296388	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	In Corner By AHU2, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	220	195	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296389	AHU	D / Ground / Caged Rm Across From D005(Other AHU Rm)	AHU-2 Top, 5-10'	FT	Spirax Sarco	FT15	1 1/4"	4	216	199	OK	Strainer, Blowdown.
296390	AHU	D / Ground / Caged Rm Across From D005(Other AHU Rm)	AHU-2 Middle Trap, 5-10'	FT	Spirax Sarco	FT15	1 1/4"	4	80	80	NIS	Strainer, Blowdown. Valved Out.
296391	AHU	D / Ground / Caged Rm Across From D005(Other AHU Rm)	AHU-2 Bottom Trap, 5-10'	FT	Spirax Sarco	FT15	1 1/4"	4	80	80	NIS	Strainer, Blowdown. Valved Out.
296392	Unit Heater	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Unit Heater In Front Of AHU-2, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	187	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296393	Unit Heater	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Unit Heater On Top Of AHU -2, 5-10'	FT	Spirax Sarco	FT15	3/4"	4	220	191	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296370	Drip Leg	D / Ground / D005 (AHU)	Unit 2D, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	217	199	OK	Inlet Isolation.
296371	AHU	D / Ground / D005 (AHU)	Unit 2D In Back, 0-5'	FT	Barnes & Jones	FTI2015-3	3/4"	4	217	189	OK	Inlet Isolation, Strainer, Outlet Isolation.
296372	AHU	D / Ground / D005 (AHU)	Unit 1D, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	214	L	Inlet Isolation.

### 2021 Steam Trap Efficiency Report

Tal	ble 1:	All	Steam	Trap	Survey	Information	
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			Table 1. All	Steam	rrap Surve	y informatio	11					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296373	AHU	D / Ground / D005 (AHU)	Unit 1D In Back, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	185	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296374	AHU	D / Ground / D005 (AHU)	Above AHU For Gym, 10-15'	FT	N/A	69	3/4"	4	197	167	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296375	Reheat Coil	D / Ground / D005 (AHU)	Above AHU For Gym, 10-15'	TS-A	Barnes & Jones	1721	1/2"	4	216	189	OK	No Trap Station Components.
296376	Unit Heater	D / Ground / D005 (AHU)	Unit Heater In Corner, 10-15'	FT	Barnes & Jones	FT2015-4	1"	4	216	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296377	Drip Leg	D / Ground / D005 (AHU)	In Corner By Unit 2D, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	197	OK	Inlet Isolation, Outlet Isolation.
296378	Drip Leg	D / Ground / D005 (AHU)	In Corner Under Ductwork, 5-10'	FT	Barnes & Jones	FT2015-5	1 1/4"	4	217	213	L	Inlet Isolation, Strainer, Outlet Isolation.
296262	Drip Leg	D / Ground / Large Rm Across From D001	PRV Station On Wall, 5-10'	TS-A	Barnes & Jones	2163	1"	4	220	195	OK	No Trap Station Components.
296361	Drip Leg	D / Ground / Large Rm Across From D001	Little Rm Off Entrance, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	220	198	OK	Inlet Isolation, Strainer, Outlet Isolation.
296363	Drip Leg	D / Ground / Large Rm Across From D001	Second Drip On PRV Station, 5-10'	TS-A	Barnes & Jones	2163	1"	4	216	176	OK	No Trap Station Components.
296364	Drip Leg	D / Ground / Large Rm Across From D001	End Of PRV Station, 0-5'	FT	Barnes & Jones	FT2015-8	2"	4	215	187	OK	Inlet Isolation, Strainer, Outlet Isolation.
296365	Heat Exchanger	D / Ground / Large Rm Across From D001	First HEX On Left Side, 5-10'	FT	Barnes & Jones	FT2015-8	2"	4	212	212	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296366	Heat Exchanger	D / Ground / Large Rm Across From D001	Second HEX On Left Side, 5-10'	FT	Barnes & Jones	FT2015-8	2"	4	145	120	OK	Inlet Isolation, Strainer, Outlet Isolation.
296367	Drip Leg	D / Ground / Large Rm Across From D001	Crawlspace Leading Back In Little Offshoot Ten Yards Back From HEX, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	213	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Outlet Union Leaking Steam And Condensate.
296368	Drip Leg	D / Ground / Large Rm Across From D001	Crawl Space In Back All The Way Towards End By Condensate Pump, 5-10'	FT	Barnes & Jones	FT2015-8	2"	4	218	190	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296369	Drip Leg	D / Ground / Large Rm Across From D001 (Can Access From Rm C001-C Access Panel)	In Crawlspace Space All The Way In Back To The Left Of The Condensate Pit. In Cutout In Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	4	216	212	В	No Trap Station Components. Nipple Leaking Condensate.
300650	Drip Leg	E / Basement / Far Back Tunnel Left Branch	Along Right Wall, 0-5'	TS-S	Barnes & Jones	5007	3/4"	3	79	78	Р	Inlet Isolation, Outlet Isolation.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300662	Radiator Trap	E / Basement / Far Back Tunnel Left Branch	After 300653, 0-5'	TS-A	Barnes & Jones	5007	3/4"	3	210	176	OK	DDC Radiator Valve. Inlet Isolation, Outlet Isolation.
300663	Drip Leg	E / Basement / Far Back Tunnel Left Branch	Along Right Wall, 0-5'	TS-A	Barnes & Jones	5007	3/4"	3	78	78	NIS	Inlet Isolation, Outlet Isolation. Not Calling.
300664	Drip Leg	E / Basement / Far Back Tunnel Left Branch	Last Trap On Right Wall, 0-5'	TS-S	Barnes & Jones	5007	3/4"	3	79	79	NIS	Inlet Isolation, Outlet Isolation. Not Calling.
296701	Radiator Trap	E / 1st / Basement	Radiator Exit 24, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296492	Radiator Trap	E / 1st / Hallway To Pool	Across From Stairwell To Boys Locker Rm1, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	217	187	OK	DDC Radiator Valve. No Trap Station Components.
296493	Radiator Trap	E / 1st / Hallway To Pool	Across From Stairwell Down To Girls Locker Rm, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	200	80	Р	DDC Radiator Valve. No Trap Station Components.
296494	Radiator Trap	E / 1st / Hallway To Pool	East Side 1st Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	217	215	L	DDC Radiator Valve. No Trap Station Components.
296495	Radiator Trap	E / 1st / Hallway To Pool	East Side 2nd Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296496	Radiator Trap	E / 1st / Hallway To Pool	East Side 3rd Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	218	198	OK	DDC Radiator Valve. No Trap Station Components.
296497	Radiator Trap	E / 1st / Hallway To Pool	East Side Last Radiator Before Pool Entrance, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296498	Radiator Trap	E / 1st / Hallway To Pool	West Side 1st Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.
296499	Radiator Trap	E / 1st / Hallway To Pool	West Side Last Radiator Before Pool Entrance, 0-5'	TS-A	Barnes & Jones	122A	1/2"	4	216	178	OK	DDC Radiator Valve. No Trap Station Components.
296500	Radiator Trap	E / 1st / Hallway To Pool	Between Stairwells To Both Boys And Girls Locker Rm, 0-5'	TS-A	N/A	N/A	1"	4	220	214	В	DDC Radiator Valve. No Trap Station Components.
296706	Drip Leg	E / 1st / Large MER By North Gym	Outside By Ice Machine, 0-5'	FT	Barnes & Jones	FTI2015-3	3/4"	4	NA	NA	RIP	Valved Out, Disconnected From System.
296707	Drip Leg	E / 1st / Large MER By North Gym	Under Header In Back, 0-5'	FT	Barnes & Jones	FT2015-3	1 1/4"	4	212	98	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296708	Drip Leg	E / 1st / Large MER By North Gym	Back Corridor Above Header, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	212	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296705	Radiator Trap	E / 1st / Stairwell	Above Exit 22, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	DDC Radiator Valve. No Trap Station Components.

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	<b>Frap Surve</b>	y Informatio						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296482	Univent	E / 2nd / E-207	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	197	ОК	No Trap Station Components.
296483	Radiator Trap	E / 2nd / E-207	Radiator Right Corner, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296484	Univent	E / 2nd / E-215	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	198	ОК	No Trap Station Components.
296485	Radiator Trap	E / 2nd / E-215	Radiator Right Corner, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	217	198	OK	DDC Radiator Valve. No Trap Station Components.
296486	Univent	E / 2nd / E-216 (Planet Fitness Gym)	Left Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	NA	NA	RIP	Valved Out, Disconnected From System.
296487	Univent	E / 2nd / E-216 (Planet Fitness Gym)	Univent Middle, 0-5'	TS-A	Barnes & Jones	134A	3/4"	4	215	198	OK	No Trap Station Components.
296488	Radiator Trap	E / 2nd / E-216 (Planet Fitness Gym)	Radiator In Between Middle And Right Univent, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	216	189	OK	DDC Radiator Valve. No Trap Station Components.
296489	Univent	E / 2nd / E-216 (Planet Fitness Gym)	Right Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	215	187	OK	No Trap Station Components.
296490	Radiator Trap	E / 2nd / E-216 (Planet Fitness Gym)	Right Corner Radiator, 0-5'	TS-S	Barnes & Jones	5007	1/2"	4	214	212	L	DDC Radiator Valve. No Trap Station Components.
296491	Univent	E / 2nd / E-218	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	4	217	188	OK	No Trap Station Components.
300647	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	Directly Across From Tunnel Entrance, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	217	198	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Inlet Union Leaking Steam.
300648	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	First Trap Starting Left Branch, 5-10'	TS-S	Barnes & Jones	134	3/4"	3	215	192	ОК	Outlet Isolation.
300649	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	2nd Trap On Left Against Wall, 5-10'	TS-S	Spirax Sarco	RTA125	3/4"	3	80	80	NIS	Outlet Isolation. Valved Out.
300651	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	4th Trap To The Left, 5-10'	TS-A	Barnes & Jones	5000	1/2"	3	215	194	ОК	No Trap Station Components.
300652	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	All The Way Left Against Back Wall, 5-10'	TS-A	Hoffman	8C	3/4"	3	216	199	ОК	Outlet Isolation. Elbow Leaking Steam.

### 2021 Steam Trap Efficiency Report

<b>Table 1: All Steam Trap Survey Information</b>		Table 1:	: All	Steam	Trap	Survey	Information
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			Table 1: All		<u>Frap Surve</u>	ey Informatio						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300653	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	All The Way Left Against Back Wall, 5-10'	TS-S	Tunstall	ТА	3/4"	3	216	178	ОК	Outlet Isolation.
300665	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	End Of Left Branch. Drip In Corner, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	216	213	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Strainer Installed Backwards.
300666	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	Across From 300649, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	80	80	NIS	No Trap Station Components. Valved Out.
296703	Radiator Trap	E / Basement / E-2	Against Wall, 0-5'	TS-A	Barnes & Jones	122	1/2"	4	216	188	OK	Manual Radiator Valve. No Trap Station Components.
296702	Radiator Trap	E / Basement / E-3	On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	215	213	L	DDC Radiator Valve. No Trap Station Components.
296704	Radiator Trap	E / Basement / Exit 22	On Platform, 0-5'	TS-A	Barnes & Jones	1721	1/2"	4	215	201	OK	DDC Radiator Valve. No Trap Station Components.
296709	Drip Leg	E / Basement / AHU Rm Downstairs From Exit 33	Left Corner, 5-10'	TS-A	Barnes & Jones	134	3/4"	4	216	189	OK	No Trap Station Components.
296710	AHU	E / Basement / AHU Rm Downstairs From Exit 33	Left Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	216	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296711	AHU	E / Basement / AHU Rm Downstairs From Exit 33	Left Corner, 5-10'	FT	Watts	WFT-15	1/2"	4	217	196	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
300645	Radiator Trap	E / Basement (Hallway With Locker Rms) / E-7	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	216	L	DDC Radiator Valve. No Trap Station Components.
300646	Radiator Trap	E / Basement (Hallway With Locker Rms) / E-7	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	217	222	L	DDC Radiator Valve. No Trap Station Components.
296718	Drip Leg	E / 2nd / E-210	South Wall Unit, 10-15'	FT	Barnes & Jones	FT2014-3	3/4"	4	216	187	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296719	Unit Heater	E / 2nd / E-210	South Wall Unit Heater, 10-15'	FT	Spirax Sarco	FT15	3/4"	4	220	198	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296720	Drip Leg	E / 2nd / E-210	North Unit Heater, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296721	Unit Heater	E / 2nd / E-210	North Unit Heater, 10-15'	FT	Spirax Sarco	FTI15	3/4"	4	212	186	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296722	Unit Heater	E / 2nd / E-210	Northwest Unit Heater, 10-15'	FT	Spirax Sarco	FTI15	3/4"	4	215	185	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

### 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296723	Unit Heater	E / 2nd / E-210	Southeast Unit Heater, 10-15'	FT	Spirax Sarco	FT15	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
29640	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Southeast Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	215	178	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296420	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Northwest Corner, 5-10'	TS-A	Barnes & Jones	5007	1/2"	4	218	212	L	No Trap Station Components
296421	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Northwest Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	216	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296422	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Northeast Corner, 5-10'	TS-A	Barnes & Jones	5007	1/2"	4	216	193	OK	No Trap Station Components
296423	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU 2E Right Side, 0-5'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	193	OK	Inlet Isolation, Strainer, Outle Isolation.
296424	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-2E Left Side, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	215	188	OK	No Trap Station Components
296425	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-2E Left Side, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	215	212	L	No Trap Station Component
296426	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-2E Left Side, 5-10'	FT	Mepco	42-515	1 1/4"	4	220	187	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation
296427	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-2E Left Side, 5-10'	FT	Mepco	42-715	1 1/2"	4	217	198	OK	Inlet Isolation, Strainer, Outl Isolation.
296428	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-4E Right Side, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation
296429	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-4E Left Side, 5-10'	TS-A	Barnes & Jones	3500	1/2"	4	216	185	OK	No Trap Station Components
296430	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-4E Left Side, 5-10'	TS-A	Barnes & Jones	3500	1/2"	4	220	184	OK	No Trap Station Component
296431	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-4E Left Side, 5-10'	FT	Mepco	42-515	1 1/4"	4	215	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation
296432	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-4E Left Side, 5-10'	FT	Mepco	42- 715INLINE	1 1/2"	4	200	90	Р	Strainer, Blowdown, Outlet Isolation Stuck Closed.
296433	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-3E Right Side, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	195	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation
296434	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-3E Left Side, 5-10'	TS-A	Hoffman	17C	1/2"	4	220	217	В	No Trap Station Component
296435	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-3E Left Side, 5-10'	TS-A	Barnes & Jones	3500	1/2"	4	215	176	OK	No Trap Station Components

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam	I rap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296436	AHU	E / Mezzanine (Locker Rm AHUs) / E-219A	AHU-3E Left Side, 5-10'	FT	Мерсо	42-715	1 1/2"	4	216	188	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296437	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Southwest Corner, 10-15'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	176	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296438	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Southwest Corner, 5-10'	TS-A	Barnes & Jones	5007	1/2"	4	214	174	OK	No Trap Station Components.
296439	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Southwest Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	4	216	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296441	Drip Leg	E / Mezzanine (Locker Rm AHUs) / E-219A	Southeast Corner, 5-10'	TS-A	Barnes & Jones	1949	1/2"	4	221	187	OK	No Trap Station Components.
296460	AHU	E / Roof / North Gym AHU Northeast Entrance	First AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	197	ОК	No Trap Station Components.
296461	AHU	E / Roof / North Gym AHU Northeast Entrance	First AHU On Catwalk, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	217	193	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296462	AHU	E / Roof / North Gym AHU Northeast Entrance	2nd AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	187	ОК	No Trap Station Components. Union Leaking Condensate.
296463	AHU	E / Roof / North Gym AHU Northeast Entrance	2nd AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	217	189	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296464	AHU	E / Roof / North Gym AHU Northeast Entrance	Third AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	No Trap Station Components.
296465	AHU	E / Roof / North Gym AHU Northeast Entrance	Third AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	198	ОК	Inlet Isolation, Strainer, Outlet Isolation.
296466	AHU	E / Roof / North Gym AHU Northeast Entrance	4th AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	215	193	ОК	No Trap Station Components.
296467	AHU	E / Roof / North Gym AHU Northeast Entrance	4th AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	214	187	ОК	Strainer, Blowdown, Outlet Isolation.
296468	AHU	E / Roof / North Gym AHU Northeast Entrance	Fifth AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	194	ОК	No Trap Station Components.
296469	AHU	E / Roof / North Gym AHU Northeast Entrance	Third AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	198	OK	Strainer, Blowdown, Outlet Isolation.
296470	AHU	E / Roof / North Gym AHU Northeast Entrance	Last AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	3/4"	4	215	213	L	No Trap Station Components.
296471	AHU	E / Roof / North Gym AHU Northeast Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	220	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296472	Drip Leg	E / Roof / North Gym AHU Northeast Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-5	1 1/4"	4	216	198	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

Table 1: All Steam Trap Survey Information

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296473	AHU	E / Roof / North Gym AHU Northwest Entrance	First AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	220	80	Р	No Trap Station Components.
296474	AHU	E / Roof / North Gym AHU Northwest Entrance	First AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI-2015-3	3/4"	4	215	80	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296475	AHU	E / Roof / North Gym AHU Northwest Entrance	2nd AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	187	OK	No Trap Station Components.
296476	AHU	E / Roof / North Gym AHU Northwest Entrance	2nd AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	217	176	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296477	AHU	E / Roof / North Gym AHU Northwest Entrance	Third AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	197	ОК	No Trap Station Components.
296478	AHU	E / Roof / North Gym AHU Northwest Entrance	Third AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	215	187	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296479	AHU	E / Roof / North Gym AHU Northwest Entrance	Last AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	3/8"	4	216	197	OK	No Trap Station Components.
296480	AHU	E / Roof / North Gym AHU Northwest Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	213	188	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296481	Drip Leg	E / Roof / North Gym AHU Northwest Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-5	1 1/4"	4	218	201	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296451	AHU	E / Roof / South Gym AHU Southeast Entrance	First AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	217	180	ОК	No Trap Station Components.
296452	AHU	E / Roof / South Gym AHU Southeast Entrance	First AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	214	193	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296453	AHU	E / Roof / South Gym AHU Southeast Entrance	2nd AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	221	187	ОК	No Trap Station Components.
296454	AHU	E / Roof / South Gym AHU Southeast Entrance	2nd AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	187	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296455	AHU	E / Roof / South Gym AHU Southeast Entrance	Third AHU On Entrance, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	214	199	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296456	AHU	E / Roof / South Gym AHU Southeast Entrance	Third AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	217	212	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296457	AHU	E / Roof / South Gym AHU Southeast Entrance	Last AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	200	OK	No Trap Station Components.
296458	AHU	E / Roof / South Gym AHU Southeast Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	216	197	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296459	Drip Leg	E / Roof / South Gym AHU Southeast Entrance	Last AHU, 5-10'	FT	Barnes & Jones	FTI2015-5	1 1/4"	4	216	197	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296442	AHU	E / Roof / South Gym AHU Southwest Entrance	First AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	215	187	OK	No Trap Station Components.
296443	AHU	E / Roof / South Gym AHU Southwest Entrance	First AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	220	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296444	AHU	E / Roof / South Gym AHU Southwest Entrance	2nd AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	197	L	No Trap Station Components.
296445	AHU	E / Roof / South Gym AHU Southwest Entrance	2nd AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	217	194	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296446	AHU	E / Roof / South Gym AHU Southwest Entrance	3rd AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	216	212	L	No Trap Station Components.
296447	AHU	E / Roof / South Gym AHU Southwest Entrance	Third AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	214	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296448	AHU	E / Roof / South Gym AHU Southwest Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	4	214	199	OK	Strainer, Blowdown, Outlet Isolation.
296449	AHU	E / Roof / South Gym AHU Southwest Entrance	Last AHU On Catwalk, 5-10'	TS-A	Barnes & Jones	1721	1/2"	4	215	212	L	No Trap Station Components.
296450	Drip Leg	E / Roof / South Gym AHU Southwest Entrance	Last AHU On Catwalk, 5-10'	FT	Barnes & Jones	FTI2015-5	1 1/4"	4	216	177	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296715	Radiator Trap	E Athletics / 2nd / First Office On Left	Back Corner, 5-10'	TS-A	N/A	N/A	3/4"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Cabinets Blocking.
296716	Radiator Trap	E Athletics / 2nd / Second Office On Left	At Wall, 5-10'	TS-A	Barnes & Jones	122	1/2"	4	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
296717	Radiator Trap	E Athletics / 2nd / Second Office On Left	At Wall, 5-10'	TS-A	N/A	N/A	1/2"	4	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Cabinets Blocking.
300661	Drip Leg	E/F / Basement / Tunnel Off Condensate Pump-2nd Chamber	At 2nd Chamber Hole, 0-5'	FT	Barnes & Jones	FT2015-8	2"	3	217	184	OK	Inlet Isolation, Strainer, Blowdown, Check Valve, Outlet Isolation.
296056	Drip Leg	Pool Bldg / Basement / Boiler Rm	By Condensate Pump, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	4	217	197	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296062	Drip Leg	Pool Bldg / Basement / Bottom Of Stairs	Other Side Of Structure, 5-10'	FT	Мерсо	MLFTI15-6	1 1/2"	4	216	80	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296068	Drip Leg	Pool Bldg / Basement / Bottom Of Stairs	Bottom Of Mezzanine, 5-10'	FT	Мерсо	MLFTI15-6	1 1/2"	4	215	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296059	Drip Leg	Pool Bldg / Basement / Bottom Of Stairs	Corner Below Stairs, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	212	L	Inlet Isolation, Strainer, Outlet Isolation.

### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam '	Trap Surve	y Informatio	n					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296060	Drip Leg	Pool Bldg / Basement / Bottom Of Stairs	Corner Below Stairs, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	199	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296061	Drip Leg	Pool Bldg / Basement / Bottom Of Stairs	Corner Of Stairs, 5-10'	FT	Barnes & Jones	FT2015-8	2"	4	216	187	ОК	Inlet Isolation, Strainer, Outlet Isolation.
296063	Drip Leg	Pool Bldg / Basement / Dirt Pit	Middle Of Pit Against Wall, 10-15'	TS-A	Barnes & Jones	134A	3/4"	4	212	212	L	No Trap Station Components.
296064	Drip Leg	Pool Bldg / Basement / Dirt Pit	By Corridor To Rm Outside Boiler Rm, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	218	213	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296065	Drip Leg	Pool Bldg / Basement / Dirt Pit	Middle Of Pit, 10-15'	TS-A	Barnes & Jones	134A	3/4"	4	216	211	В	No Trap Station Components.
296066	Drip Leg	Pool Bldg / Basement / Dirt Pit	Towards Entrance To Pit, 10-15'	TS-A	Barnes & Jones	134A	3/4"	4	216	212	L	No Trap Station Components.
296067	Drip Leg	Pool Bldg / Basement / Dirt Pit	First Radiator Drip On Entrance, 10-15'	TS-A	Barnes & Jones	122A	1/2"	4	218	218	В	No Trap Station Components.
296069	Drip Leg	Pool Bldg / Basement / Mezzanine In Basement Pool Rm	Left Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	216	187	OK	Inlet Isolation, Strainer, Outlet Isolation.
296070	Drip Leg	Pool Bldg / Basement / Mezzanine In Basement Pool Rm	Right Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	4	215	203	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296072	Drip Leg	Pool Bldg / Basement / Mezzanine In Far Room	Right Side, 5-10'	TS-A	Barnes & Jones	134A	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296074	Drip Leg	Pool Bldg / Basement / Outside Boiler Rm	Above Double Red Doors, 10-15'	TS-A	Barnes & Jones	134A	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296075	Drip Leg	Pool Bldg / Basement / Outside Boiler Rm	Above Electrical Panels, 10-15'	TS-A	Barnes & Jones	134A	3/4"	4	80	80	NIS	No Trap Station Components. Valved Out.
296057	Unit Heater	Pool Bldg / Basement / Outside Boiler Rm	Opposite Wooden Stairs, 10-15'	FT	Spirax Sarco	FT15	3/4"	4	80	80	NIS	Inlet Isolation, Strainer, Outlet Isolation. Valved Out.
296058	Drip Leg	Pool Bldg / Basement / Outside Boiler Rm	By Red Double Doors, 5-10'	FT	Barnes & Jones	FT2015-8	2"	4	NA	NA	RIP	Valved Out, Disconnected From System.

### Table 2: Blowing, Leaking, and Plugged Traps

## Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296169	Univent	A / 1st / A102	Univent, 0-5'	Barnes & Jones	3590	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296088	Radiator Trap	A / 1st / A109	Right Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296081	Univent	A / 1st / A113	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	В	Repair Kit, Difficult Access
296082	Radiator Trap	A / 1st / A113	Radiator On Wall, 0-5'	Barnes & Jones	3GH	Thermostatic Angle	4	1/2"	NPT	В	Repair Kit, No Issues
296077	Univent	A / 1st / A116	Univent, 0-5'	Barnes & Jones	122A	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296310	Radiator Trap	A / 1st / A119	Back Wall, 0-5'	Barnes & Jones	5007	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, No Issues
296306	Radiator Trap	A / 1st / A121	On Wall, 0-5'	Barnes & Jones	5007	Thermostatic Straight	4	1/2"	NPT	В	Repair Kit, No Issues
296314	Univent	A / 1st / A129	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, Difficult Access
296315	Radiator Trap	A / 1st / A129	Radiator On Wall, 0-5'	Barnes & Jones	2819	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296095	Radiator Trap	A / 1st / Girls Bathroom	On Wall, 0-5'	Barnes & Jones	122	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, Difficult Access
296301	Radiator Trap	A / 1st / Hallway	Beginning Of A Bldg Right Side Of Lockers, 0-5'	Barnes & Jones	2819	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296079	Radiator Trap	A / 1st / A115	Right Corner, 0-5'	Barnes & Jones	3GH	Thermostatic Angle	4	1/2"	NPT	В	Repair Kit, Difficult Access
296341	Radiator Trap	A / 2nd / A206	Corner Of Rm, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	В	Repair Kit, Difficult Access
296343	Radiator Trap	A / 2nd / A207	Right Wall Radiator, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296344	Radiator Trap	A / 2nd / A208	Left Back Corner, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296348	Radiator Trap	A / 2nd / A212	Left Radiator, 0-5'	Spirax Sarco	125	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

### 2021 Steam Efficiency Report

			Tab	le 2: Blowin	g, Leaking, an	d Plugged Tra	ıps	-			
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296357	Radiator Trap	A / 2nd / A215	Radiator In Right Corner, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296325	AHU	A / 2nd / A219	Steam Coil In Corner Under Panel, 0-5'	Spirax Sarco	125A	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, System Shutdown Required
296319	AHU	A / 2nd / A222	Steam Coil Under Panel, 0-5'	Spirax Sarco	125A	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296324	Radiator Trap	A / 2nd / A226A	On Wall, 0-5'	Barnes & Jones	134A	Thermostatic Angle	4	3/4"	NPT	В	Repair Kit, No Issues
296332	Radiator Trap	A / 2nd / A228	Radiator In Corner, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	В	Repair Kit, No Issues
296334	Radiator Trap	A / 2nd / A229	Radiator In Right Corner, 0-5'	Barnes & Jones	5007	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296318	Radiator Trap	A / 2nd / Women's Bathroom	On Wall, 0-5'	Barnes & Jones	5007	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, No Issues
296080	Univent	A / Basement / 1st	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, Difficult Access
296039	Drip Leg	A / Ground / Boiler Rm	2nd Trap Off Steam Main Left Wall, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	Р	Full Trap, No Issues
296040	Drip Leg	A / Ground / Boiler Rm	3rd Trap Off Steam Main Left Wall, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, No Issues
296041	Drip Leg	A / Ground / Boiler Rm	4th T Trap Off Steam Main Left Wall, 10-15'	Barnes & Jones	FT2015-6	Float & Thermostatic	4	1 1/2"	NPT	L	Repair Kit, No Issues
296045	Drip Leg	A / Ground / C-146	Entrance, 5-10'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, No Issues
296046	Drip Leg	A / Ground / C-146	Left Above Header, 10-15'	Barnes & Jones	FTI2015-3	Float & Thermostatic	4	3/4"	NPT	В	Repair Kit, No Issues
300654	Drip Leg	B / Basement / NE Tunnel	25 Ft In, 0-5'	Nicholson	SERIESG6G	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, No Issues
300655	Drip Leg	B / Basement / NE Tunnel	At 1st Corner, 0-5'	Nicholson	8G	Float & Thermostatic	3	1 1/4"	NPT	L	Full Trap, No Issues
300656	Drip Leg	B / Basement / NE Tunnel	Around 1st Corner, 0-5'	Nicholson	7G	Float & Thermostatic	3	1"	NPT	L	Full Trap, No Issues
300657	Drip Leg	B / Basement / NE Tunnel	At T, 0-5'	Nicholson	8G	Float & Thermostatic	3	1 1/4"	NPT	L	Full Trap, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

### 2021 Steam Efficiency Report

	Table 2: Blowir	g, Leaking, and	d Plugged Traps
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			140	ic 2. Diowing	s, Leaking, ai	lu riuggeu 112	the				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300632	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Towards End Of First Passageway On Wall, 0-5'	Nicholson	8G	Float & Thermostatic	3	1 1/4"	NPT	L	Full Trap, Permit Required Confined Space, Difficult Access, System Shutdown Required
300633	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Around First Corner On Wall, 0-5'	Nicholson	8G	Float & Thermostatic	3	1 1/4"	NPT	В	Full Trap, Permit Required Confined Space, Difficult Access, System Shutdown Required
300634	Drip Leg	B / Basement / Boiler Rm (Southeast Tunnel)	Direct Middle Of Tunnel After Left Turn By Two Access Areas, 0-5'	Nicholson	8G	Float & Thermostatic	3	1 1/4"	NPT	L	Full Trap, Permit Required Confined Space, Difficult Access, System Shutdown Required
300659	Drip Leg	C / Basement / C001-C	2nd Trap, 0-5'	Barnes & Jones	FTI2015-8	Float & Thermostatic	3	2"	NPT	Р	Repair Kit, No Issues
296738	Radiator Trap	C / 1st / C010	Radiator Right Corner, 0-5'	Barnes & Jones	134	Thermostatic Angle	4	3/4"	NPT	Р	Repair Kit, No Issues
296740	Radiator Trap	C / 1st / C014	Radiator Left, 0-5'	Barnes & Jones	1949	Thermostatic Angle	4	1/2"	NPT	Р	Repair Kit, No Issues
296758	Univent	C / 1st / C022	Univent, 0-5'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	L	Repair Kit, No Issues
296759	Radiator Trap	C / 1st / C022	Back Corner, 0-5'	Barnes & Jones	12819	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296736	Univent	C / 1st / C-12	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, Difficult Access
296789	Univent	C / 2nd / C-102	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, Difficult Access
296790	Radiator Trap	C / 2nd / C-102	Radiator Left, 0-5'	Barnes & Jones	2819	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296771	Univent	C / 2nd / C-110	Univent Left Side, 0-5'	Barnes & Jones	3507	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, Difficult Access
296766	Univent	C / 2nd / C117	Univent, 0-5'	Barnes & Jones	134	Thermostatic Angle	4	3/4"	NPT	Р	Repair Kit, No Issues
296799	Radiator Trap	C / 2nd / C-148	On Wall Under Window, 0-5'	Barnes & Jones	122	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296798	Radiator Trap	C / 2nd / C-150	Radiator Left Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	Р	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

### 2021 Steam Efficiency Report

			Tab	le 2: Blowing	g, Leaking, ar	nd Plugged Tra	aps				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296729	Univent	C / 1st / C-18	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, No Issues
296733	Radiator Trap	C / 1st / Hallway	Outside C022, 0-5'	Barnes & Jones	5000	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, No Issues
296405	Radiator Trap	D / 1st / D116	Corner Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296408	Radiator Trap	D / 1st / Hallway	Outside D117A, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296410	Radiator Trap	D / 1st / Hallway	Outside D117, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
296383	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Upon Entrance Second Drip Along Right Wall, 10-15'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	L	Repair Kit, No Issues, System Shutdown Required
296384	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Upon Entrance Third Drip Along Right Wall, 10-15'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	L	Repair Kit, System Shutdown Required
296385	Drip Leg	D / Ground / Caged Rm Across From D005(Other AHU Rm)	Along Right Wall Next To Electrical Box, 10-15'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	L	Repair Kit, System Shutdown Required
296372	AHU	D / Ground / D005 (AHU)	Unit 1D, 5-10'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, System Shutdown Required
296378	Drip Leg	D / Ground / D005 (AHU)	In Corner Under Ductwork, 5-10'	Barnes & Jones	FT2015-5	Float & Thermostatic	4	1 1/4"	NPT	L	Full Trap, No Issues
296365	Heat Exchanger	D / Ground / Large Rm Across From D001	First HEX On Left Side, 5-10'	Barnes & Jones	FT2015-8	Float & Thermostatic	4	2"	NPT	L	Full Trap, Difficult Access
296367	Drip Leg	D / Ground / Large Rm Across From D001	Crawlspace Leading Back In Little Offshoot Ten Yards Back From HEX, 5-10'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, No Issues
296369	Drip Leg	D / Ground / Large Rm Across From D001 (Can Access From Rm C001- C Access Panel)	In Crawlspace Space All The Way In Back To The Left Of The Condensate Pit. In Cutout In Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	4	3/4"	NPT	В	Full Trap, Permit Required Confined Space, Welder Required
300650	Drip Leg	E / Basement / Far Back Tunnel Left Branch	Along Right Wall, 0-5'	Barnes & Jones	5007	Thermostatic Straight	3	3/4"	NPT	Р	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

Table 2: Blowing	g, Leaking, an	d Plugged Tra	ips

		1		ic 2. Diowing	s, Leaking, a	la riuggeu 112	-				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296493	Radiator Trap	E / 1st / Hallway To Pool	Across From Stairwell Down To Girls Locker Rm, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	Р	Repair Kit, Difficult Access
296494	Radiator Trap	E / 1st / Hallway To Pool	East Side 1st Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296495	Radiator Trap	E / 1st / Hallway To Pool	East Side 2nd Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296498	Radiator Trap	E / 1st / Hallway To Pool	West Side 1st Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296500	Radiator Trap	E / 1st / Hallway To Pool	Between Stairwells To Both Boys And Girls Locker Rm, 0-5'	N/A	N/A	Thermostatic Angle	4	1"	NPT	В	Full Trap, Difficult Access
296707	Drip Leg	E / 1st / Large MER By North Gym	Under Header In Back, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	1 1/4"	NPT	Р	Full Trap, Unlabeled Asbestos (PACM)
296708	Drip Leg	E / 1st / Large MER By North Gym	Back Corridor Above Header, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	4	3/4"	NPT	L	Repair Kit, No Issues, Unlabeled Asbestos (PACM)
296705	Radiator Trap	E / 1st / Stairwell	Above Exit 22, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, Difficult Access
296490	Radiator Trap	E / 2nd / E-216 (Planet Fitness Gym)	Right Corner Radiator, 0-5'	Barnes & Jones	5007	Thermostatic Straight	4	1/2"	NPT	L	Repair Kit, No Issues
300647	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	Directly Across From Tunnel Entrance, 5-10'	Barnes & Jones	FTI2015-3	Float & Thermostatic	3	3/4"	NPT	L	Full Trap, Non-Permit Confined Space, System Shutdown Required
300665	Drip Leg	E / Basement / Condensate Tank Rm (Far Back Tunnel Left Branch)	End Of Left Branch. Drip In Corner, 5-10'	Barnes & Jones	FTI2015-3	Float & Thermostatic	3	3/4"	NPT	L	Full Trap, Non-Permit Confined Space
296702	Radiator Trap	E / Basement / E-3	On Wall, 0-5'	Barnes & Jones	1721	Thermostatic Angle	4	1/2"	NPT	L	Repair Kit, No Issues
300645	Radiator Trap	E / Basement (Hallway With Locker Rms) / E-7	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
300646	Radiator Trap	E / Basement (Hallway With Locker Rms) / E-7	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

#### Table 1: All Steam Trap Survey Information

## **3. GATHERED DATA**

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### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
280545	Radiator Trap	Main / 1st / 100	Left Radiator, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	212	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
280546	Radiator Trap	Main / 1st / 100	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
280547	Radiator Trap	Main / 1st / 100	Last Radiator, 0-5'	TS-A	Hoffman	17C	1/2"	3	214	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
280557	Radiator Trap	Main / 1st / 101	Left Radiator Under Window, 0-5'	TS-A	Barnes & Jones	3500	1/2"	3	212	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
280558	Radiator Trap	Main / 1st / 101	Right Radiator Under Window, 0-5'	TS-A	Barnes & Jones	3500	1/2"	3	213	190	OK	Thermostatic Radiator Valve. No Trap Station Components.
280548	Radiator Trap	Main / 1st / 102	Opposite Entrance, 0-5'	TS-A	N/A	N/A	3/4"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. Bolted Furniture In Way.
280549	Radiator Trap	Main / 1st / 102	Superintendent's Office Right Side, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	217	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
280550	Radiator Trap	Main / 1st / 102	Superintendent's Office Back Wall, 0-5'	TS-A	Hoffman	17C	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
280559	Radiator Trap	Main / 1st / 103	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
280560	Radiator Trap	Main / 1st / 105	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	214	212	L	Thermostatic Radiator Valve. No Trap Station Components.
280561	Radiator Trap	Main / 1st / 106	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	213	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
280562	Radiator Trap	Main / 1st / 107	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	3500	1/2"	3	214	168	OK	Thermostatic Radiator Valve. No Trap Station Components.
280537	Univent	Main / 1st / 108	Univent. Trap Behind Bookcase, 5-10'	TS-A	Spirax Sarco	Н	1/2"	3	214	198	L	No Trap Station Components.
280538	Radiator Trap	Main / 1st / 108	Opposite Door, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	213	L	Thermostatic Radiator Valve. No Trap Station Components.
280539	Radiator Trap	Main / 1st / 108	Radiator In Right Office, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	213	186	OK	Thermostatic Radiator Valve. No Trap Station Components.
280540	Drip Leg	Main / 1st / 108	Right Office Front Of Radiator, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	212	195	OK	No Trap Station Components.

### 2021 Steam Trap Efficiency Report

	Table 1: All	Steam	Trap Sur	rvey Information	
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Tag #	Application	Building / Floor / Room	Table 1: All           Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem In		Result	Comments
280564	Univent	Main / 1st / 111	Univent On Wall, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	215	179	ОК	Inlet Isolation.
280563	Radiator Trap	Main / 1st / 111A	Small Office Left Upon Entrance, 0-5'	TS-A	Barnes & Jones	3500	1/2"	3	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
280536	Radiator Trap	Main / 1st / Hallway	Outside 108, 5-10'	TS-A	Barnes & Jones	1764	1/2"	3	214	98	Р	Thermostatic Radiator Valve. No Trap Station Components.
280542	Radiator Trap	Main / 1st / Hallway	Down The Hall From 108, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	NA	NA	RIP	Thermostatic Radiator Valve. Valved Out.
280551	Radiator Trap	Main / 1st / Main Entrance West Side	In Wall, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. Access Panel Required To Access Trap.
280552	Radiator Trap	Main / 1st / Main Entrance West Side	Inside Corner Wall, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. Access Panel Required.
280553	Radiator Trap	Main / 1st / Men's Bathroom Outside 100	Under Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	214	212	L	Thermostatic Radiator Valve. No Trap Station Components.
280543	Radiator Trap	Main / 1st / Office Between 102 And 108	Radiator Left Side, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	214	212	L	Thermostatic Radiator Valve. No Trap Station Components.
280544	Radiator Trap	Main / 1st / Office Between 102 And 108	Radiator Right Side, 0-5'	TS-A	Barnes & Jones	1764	3/4"	3	214	177	OK	Thermostatic Radiator Valve. No Trap Station Components.
280565	Radiator Trap	Main / 1st / Stairwell	Platform Top Of Red Stairs Before Balcony, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	216	198	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280541	Radiator Trap	Main / 1st / Storage Closet Outside 108	Back Wall, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	224	187	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280554	Radiator Trap	Main / 1st / Visitor's Entrance	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	214	180	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280555	Radiator Trap	Main / 1st / Visitor's Entrance	Under Window Behind Desk, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	212	178	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280556	Radiator Trap	Main / 1st / Women's Bathroom Past Visitor's Entrance	Above Toilet, 5-10'	TS-A	Barnes & Jones	1746	1/2"	3	214	176	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280582	Radiator Trap	Main / 2nd / 200	Radiator Corner Wall, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	214	212	L	Thermostatic Radiator Valve. No Trap Station Components.
280579	Radiator Trap	Main / 2nd / 201	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	212	198	OK	Thermostatic Radiator Valve. No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Trap Efficiency Report

	Table 1: All	Steam	Trap Su	rvey In	formation
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<b>T</b> 11	A 11 /1			Trap	· •	ľ.		System	Tem	p °F	DK	
Tag #	Application	<b>Building / Floor / Room</b>	<b>Trap Location, Elevation</b>	Туре	Mfr.	Model	Size	PSI		Out	Result	Comments
	Radiator											Thermostatic Radiator Valve. No Trap
280575	Trap	Main / 2nd / 203	Radiator Back Right, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Station Components. Wooden Frame
	-		Left Comment Access Donal		<b>N</b> 7							Built Around No Access Panel.
280576	Radiator Trap	Main / 2nd / 203	Left Corner Access Panel, 0-5'	TS-A	Warren Webster	712H	1/2"	3	215	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
	Radiator		Radiator Under Window,		Barnes							Thermostatic Radiator Valve. No Trap
280586	Trap	Main / 2nd / 204	0-5'	TS-A	& Jones	3146	1/2"	3	214	201	OK	Station Components. Thermostatic
	1											Valve Stuck Open
280574	Radiator	Main / 2nd / 205	Radiator Under Window,	TS-A	Barnes & Jones	3164	1/2"	3	213	190	ОК	Thermostatic Radiator Valve. No Trap
	Trap		0-5'		& Jones							Station Components. Thermostatic Radiator Valve. No Trap
280573	Radiator	Main / 2nd / 207	Radiator Under Window,	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Station Components. Blocked By Large
200575	Trap	Manny Endy 207	0-5'		1.071	11/21	1,2					Cabinet.
280566	Radiator	Main / 2nd / 200	L of Wall 0.5	TS-A	N/A	N/A	1/2"	2	213	198	ОК	Thermostatic Radiator Valve. No Trap
280300	Trap	Main / 2nd / 209	Left Wall, 0-5'	15-A	IN/A	IN/A	1/2	3	213	198	UK	Station Components.
280567	Radiator	Main / 2nd / 209	Radiator Under Back	TS-A	N/A	N/A	1/2"	3	213	212	L	Thermostatic Radiator Valve. No Trap
200207	Trap		Window, 0-5'	10 11		11/11	1,2		213		-	Station Components.
280568	Radiator	Main / 2nd / 209 (Assistant	Left Wall, 0-5'	TS-A	Barnes & Jones	3164	1/2"	3	214	198	ОК	Thermostatic Radiator Valve. No Trap
-	Trap Radiator	Superintendent's Office) Main / 2nd / 209 (Assistant			Barnes							Station Components. Thermostatic Radiator Valve. No Trap
280569	Trap	Superintendent's Office)	Back Wall, 0-5'	TS-A	& Jones	3164	1/2"	3	214	194	OK	Station Components.
	Radiator	• · · · · · · · · · · · · · · · · · · ·	Radiator Under Right		Barnes					10-		Thermostatic Radiator Valve. No Trap
280570	Trap	Main / 2nd / 211	Window, 0-5'	TS-A	& Jones	3146	1/2"	3	214	187	OK	Station Components.
280571	Radiator	Main / 2nd / 211	Middle Radiator, 0-5'	TS-A	Barnes	1764	1/2"	3	213	200	OK	Thermostatic Radiator Valve. No Trap
280371	Trap		,	15-A	& Jones	1704	1/2	5	213	200	UK	Station Components.
280572	Radiator	Main / 2nd / 211	Radiator Under Left	TS-A	Barnes	1764	1/2"	3	215	176	ок	Thermostatic Radiator Valve. No Trap
	Trap		Window, 0-5'		& Jones							Station Components.
280590	Radiator	Main / 2nd / 214	Behind Entrance Door, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	200	ОК	Thermostatic Radiator Valve. No Trap Station Components.
	Trap Radiator				Barnes							Manual Radiator Valve. No Trap
280591	Trap	Main / 2nd / 214	Back Corner, 0-5'	TS-A	& Jones	1764	1/2"	3	216	212	L	Station Components.
000501	Radiator		Radiator Under Window,	TC 1	Barnes	1764	1/2"	2	014	107	OT	Thermostatic Radiator Valve. No Trap
280594	Trap	Main / 2nd / 216	0-5'	TS-A	& Jones	1764	1/2"	3	214	187	OK	Station Components.
280593	Radiator	Main / 2nd / 218	Radiator On Wall, 0-5'	TS-A	Barnes	1764	1/2"	3	213	212	L	Thermostatic Radiator Valve. No Trap
200393	Trap	Iviani / 2110 / 210		13-A	& Jones	1704	1/2	5	213	212	1	Station Components.
280595	Radiator	Main / 2nd / 224	Radiator Under Left	TS-A	Barnes	1764	1/2"	3	214	194	OK	Thermostatic Radiator Valve. No Trap
	Trap		Window, 0-5'		& Jones			-				Station Components.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

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### 2021 Steam Trap Efficiency Report

	Table 1: All	Steam	<b>Trap Surve</b>	y Information
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			Table 1: All	Trap	· ·	ľ		System	Tem	n °F		
Tag #	Application	<b>Building / Floor / Room</b>	<b>Trap Location, Elevation</b>	Туре	Mfr.	Model	Size	PSI	In		Result	Comments
280596	Radiator	Main / 2nd / 224	Radiator Across From Door,	TS-A	Barnes	3164	1/2"	3	215	193	OK	Thermostatic Radiator Valve. No Trap
	Trap		0-5'		& Jones							Station Components.
280597	Radiator Trap	Main / 2nd / 224	Radiator In Corner Of Office, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	214	188	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280578	Radiator Trap	Main / 2nd / Bathroom Across From 203	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1972	1/2"	3	215	178	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280589	Radiator Trap	Main / 2nd / Bathroom Next To 210	Radiator By Sink, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	212	196	OK	Thermostatic Radiator Valve. No Trap Station Components.
280580	Radiator Trap	Main / 2nd / Conference Rm Across From 200	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	70	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
280581	Radiator Trap	Main / 2nd / Conference Rm Across From 200	Radiator In Bathroom, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	179	OK	Thermostatic Radiator Valve. No Trap Station Components.
280853	Radiator Trap	Main / 2nd / Office Across From 204 (Bottom Of Stairs To Third Floor)	Right Wall, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
280854	Radiator Trap	Main / 2nd / Office Across From 204 (Bottom Of Stairs To Third Floor)	Through Side Door Under Window In Small Office, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	212	97	Р	Thermostatic Radiator Valve. No Trap Station Components.
280587	Radiator Trap	Main / 2nd / Office Across From 210 Left	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	214	187	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280588	Radiator Trap	Main / 2nd / Office Across From 210 Right	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	217	97	Р	Thermostatic Radiator Valve. No Trap Station Components.
280585	Radiator Trap	Main / 2nd / Office Behind 210	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	213	178	OK	Thermostatic Radiator Valve. No Trap Station Components.
280577	Radiator Trap	Main / 2nd / Rm Across From 203	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	214	199	OK	Thermostatic Radiator Valve. No Trap Station Components.
280592	Radiator Trap	Main / 2nd / Stairwell Platform Next To 218	Radiator On Wall, 5-10'	TS-A	Barnes & Jones	1764	1/2"	3	224	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
269206	Radiator Trap	Main / 3rd / 300	Under Window, 0-5'	TS-A	Barnes & Jones	1972	1/2"	3	214	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
269207	Radiator Trap	Main / 3rd / 302	Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out, Not Used, In Computer Temp Sensitive Room.
259205	Radiator Trap	Main / 3rd / 303	Under Window, 0-5'	TS-A	Barnes & Jones	1972	1/2"	3	215	198	OK	Thermostatic Radiator Valve. No Trap Station Components.

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### 2021 Steam Trap Efficiency Report

			Table 1: All	Steam	i Trap Sui	vey inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
269209	Radiator Trap	Main / 3rd / 306	Under Corner Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	212	L	Thermostatic Radiator Valve. No Trap Station Components.
259204	Radiator Trap	Main / 3rd / 307	Under Window, 0-5'	TS-A	Warren Webster	02H	1/2"	3	214	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
269210	Radiator Trap	Main / 3rd / 308	Under Window, 0-5'	TS-A	Hoffman	17C	1/2"	3	212	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
269203	Radiator Trap	Main / 3rd / 309	Under Window, 0-5'	TS-A	Warren Webster	N/A	1/2"	3	214	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
269212	Radiator Trap	Main / 3rd / 312	Opposite Door, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	213	186	OK	Thermostatic Radiator Valve. No Trap Station Components.
269213	Radiator Trap	Main / 3rd / 314	Opposite Door, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	214	188	OK	Thermostatic Radiator Valve. No Trap Station Components.
269214	Radiator Trap	Main / 3rd / 316	By Entrance, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	217	185	OK	Thermostatic Radiator Valve. No Trap Station Components.
269211	Radiator Trap	Main / 3rd / Hallway	Across From 312, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	178	OK	Thermostatic Radiator Valve. No Trap Station Components.
269202	Radiator Trap	Main / 3rd / Office Of Testing And Federal Grants	Under Emergency Rescue Window, 0-5'	TS-A	N/A	N/A	1/2"	3	212	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
269201	Radiator Trap	Main / 3rd / Office Of Testing And Federal Grant's Most Southern Rm	Back Right Radiator, 0-5'	TS-A	N/A	N/A	1/2"	3	215	212	L	Thermostatic Radiator Valve. No Trap Station Components.
269208	Radiator Trap	Main / 3rd / Old Bathroom Next To 306	Under Window, 0-5'	TS-A	Barnes & Jones	1764	1/2"	3	215	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
280514	Drip Leg	Main / Basement / Break Rm	Radiator Closest To Back Wall, 5-10'	TS-A	Barnes & Jones	122	1/2"	3	213	212	L	No Trap Station Components.
280515	Radiator Trap	Main / Basement / Break Rm	Radiator Closest To Back Wall, 5-10'	TS-S	N/A	N/A	1/2"	3	215	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
280516	Drip Leg	Main / Basement / Break Rm	Radiator Furthest From Back Wall, 5-10'	TS-A	Barnes & Jones	122	1/2"	3	215	178	OK	No Trap Station Components.
280517	Radiator Trap	Main / Basement / Break Rm	Radiator Furthest From Back Wall, 5-10'	TS-S	Spirax Sarco	N/A	1/2"	3	214	213	L	Thermostatic Radiator Valve. No Trap Station Components.
280518	Drip Leg	Main / Basement / Break Rm	Front Of Boiler 1, 5-10'	FT	Barnes & Jones	FT2015 <b>-</b> 4	1"	3	215	213	L	Inlet Isolation, Strainer, Blowdown.
280519	Drip Leg	Main / Basement / Break Rm	Front Of Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	215	200	OK	Inlet Isolation, Strainer, Outlet Isolation.
280520	Drip Leg	Main / Basement / Break Rm	Left Of Boiler 1, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	187	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

 Table 1: All Steam Trap Survey Information

### 2021 Steam Trap Efficiency Report

Table 1:	All Steam	<b>Trap Survey</b>	Information
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			Table 1: All		Trap Su	rvey morn						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
280521	Drip Leg	Main / Basement / Break Rm	Left Of Boiler 1 On Wall, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	3	215	198	ОК	Inlet Isolation, Strainer, Outlet Isolation.
280522	Drip Leg	Main / Basement / Break Rm	Right Of Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	199	OK	Inlet Isolation, Strainer, Outlet Isolation. Outlet Isolation Leaking Condensate.
280523	Drip Leg	Main / Basement / Break Rm	Right Of Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	3	215	178	ОК	Inlet Isolation, Strainer, Outlet Isolation.
280524	Drip Leg	Main / Basement / Break Rm	Crawlspace In Back Of Boiler Rm, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	NA	NA	NA	Inlet Isolation, Strainer, Outlet Isolation. Confined Space.
280511	Radiator Trap	Main / Basement / Girl's Bathroom In Front Of Boiler Rm Entrance	Radiator Back Wall, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	213	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
280505	Drip Leg	Main / Basement / Hallway Leading To Boiler Rm	Radiator Behind Door Opposite Exit Door By Rm 20, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	198	OK	Inlet Isolation, Strainer.
280506	Radiator Trap	Main / Basement / Hallway Leading To Boiler Rm	Radiator Behind Door Opposite Exit Door By Rm 20, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	212	190	OK	Thermostatic Radiator Valve. No Trap Station Components.
280507	Radiator Trap	Main / Basement / Hallway Leading To Boiler Rm	Radiator Opposite Women's Bathroom, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	224	90	Р	Thermostatic Radiator Valve. No Trap Station Components.
280508	Drip Leg	Main / Basement / Hallway Leading To Boiler Rm	Radiator Across From Girl's Bathroom, 5-10'	TS-A	Barnes & Jones	3500	1/2"	3	213	198	ОК	No Trap Station Components.
280509	Drip Leg	Main / Basement / Hallway Leading To Boiler Rm	Radiator Across From Girl's Bathroom, 5-10'	TS-A	Barnes & Jones	3500	3/4"	3	213	187	ОК	No Trap Station Components.
280525	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	East Corner, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	214	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
280526	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	Middle Column Southeast, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	213	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
280527	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	Southeast Corner In Back, 5-10'	TS-A	Barnes & Jones	5000	1/2"	3	214	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
280528	Drip Leg	Main / Basement / Meeting Rm Across From Red Staircase	Southeast Corner Radiator Inside Casing, 5-10'	TS-A	Hoffman	8C	3/4"	3	213	176	ОК	No Trap Station Components.

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### White Plains City School District

### 2021 Steam Trap Efficiency Report

			Table 1: Al	i Stean	i irap su	rvey morn	lation	1				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		ıp °F Out	Result	Comments
280529	Drip Leg	Main / Basement / Meeting Rm Across From Red Staircase	Northwest Corner Radiator, 5-10'	TS-A	Warren Webster	712	1/2"	3	NA	NA	RIP	. Disconnected From System.
280530	Drip Leg	Main / Basement / Meeting Rm Across From Red Staircase	Northwest Corner Radiator, 5-10'	FT	Spirax Sarco	FTL-00	1 1/2"	3	214	198	ОК	No Trap Station Components.
280531	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	Northwest Radiator, 5-10'	TS-A	Spirax Sarco	Н	1/2"	3	213	90	Р	Thermostatic Radiator Valve. No Trap Station Components.
280532	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	Northwest Wall Middle Column, 5-10'	TS-A	Barnes & Jones	1721	1/2"	3	213	198	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280533	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	West Corner, 5-10'	TS-A	Barnes & Jones	1721	1/2"	3	213	190	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280512	Drip Leg	Main / Basement / Men's Bathroom In Front Of Boiler Rm Entrance	Radiator In Stall, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	214	189	L	No Trap Station Components.
280513	Radiator Trap	Main / Basement / Men's Bathroom In Front Of Boiler Rm Entrance	Radiator In Stall, 5-10'	TS-A	Barnes & Jones	3146	1/2"	3	214	177	ОК	Thermostatic Radiator Valve. No Trap Station Components.
280510	Drip Leg	Main / Basement / Office End Of Hall From Boiler Rm Entrance	On Wall, 5-10'	TS-A	Barnes & Jones	1764	1/2"	3	214	212	L	No Trap Station Components.
280534	Radiator Trap	Main / Basement / Restroom Next To Red Staircase	Radiator In Stall, 5-10'	TS-S	Spirax Sarco	N/A	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
280535	Drip Leg	Main / Basement / Restroom Next To Red Staircase	Radiator In Stall, 5-10'	TS-A	Barnes & Jones	1764	1/2"	3	214	213	L	No Trap Station Components.
280501	Radiator Trap	Main / Basement / Rm 20 Storage Area	Radiator Under Window Left Wall, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	215	200	L	Thermostatic Radiator Valve. No Trap Station Components.
280502	Drip Leg	Main / Basement / Rm 20 Storage Area	Corner Behind Radiator, 5-10'	TS-A	Barnes & Jones	5000	1/2"	3	213	198	OK	Inlet Isolation.
280504	Drip Leg	Main / Basement /	Corner Behind Radiator,	TS-A	Barnes	122	1/2"	3	213	213	L	No Trap Station Components.

**Table 1: All Steam Trap Survey Information** 

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

& Jones

5-10'

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Rm 20 Storage Area

Drip Leg

No Trap Station Components.

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### **Table 2: Leaking and Plugged Traps**

# Table 2: Leaking and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
280560	Radiator Trap	Main / 1st / 105	Radiator Under Window, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access
280537	Univent	Main / 1st / 108	Univent. Trap Behind Bookcase, 5-10'	Spirax Sarco	Н	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Behind Bookcase
280538	Radiator Trap	Main / 1st / 108	Opposite Door, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280536	Radiator Trap	Main / 1st / Hallway	Outside 108, 5-10'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, System Shutdown Required
280553	Radiator Trap	Main / 1st / Men's Bathroom Outside 100	Under Window, 0-5'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, System Shutdown Required
280543	Radiator Trap	Main / 1st / Office Between 102 And 108	Radiator Left Side, 0-5'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280582	Radiator Trap	Main / 2nd / 200	Radiator Corner Wall, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280567	Radiator Trap	Main / 2nd / 209	Radiator Under Back Window, 0-5'	N/A	N/A	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access
280591	Radiator Trap	Main / 2nd / 214	Back Corner, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280593	Radiator Trap	Main / 2nd / 218	Radiator On Wall, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280854	Radiator Trap	Main / 2nd / Office Across From 204 (Bottom Of Stairs To Third Floor)	Through Side Door Under Window In Small Office, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
280588	Radiator Trap	Main / 2nd / Office Across From 210 Right	Radiator Under Window, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
269209	Radiator Trap	Main / 3rd / 306	Under Corner Window, 0-5'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access
269201	Radiator Trap	Main / 3rd / Office Of Testing And Federal Grant's Most Southern Rm	Back Right Radiator, 0-5'	N/A	N/A	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Wood Frame Would Need To Be Cut.
280514	Drip Leg	Main / Basement / Break Rm	Radiator Closest To Back Wall, 5-10'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, System Shutdown Required
280517	Radiator Trap	Main / Basement / Break Rm	Radiator Furthest From Back Wall, 5-10'	Spirax Sarco	N/A	Thermostatic Straight	3	1/2"	NPT	L	Full Trap, No Issues

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White Plains City School District

### 2021 Steam Efficiency Report

			Table 2: I	Leaking an	d Plugged	Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
280518	Drip Leg	Main / Basement / Break Rm	Front Of Boiler 1, 5-10'	Barnes & Jones	FT2015-4	Float & Thermostatic	3	1"	NPT	L	Repair Kit, System Shutdown Required, No Outlet Valve
280507	Radiator Trap	Main / Basement / Hallway Leading To Boiler Rm	Radiator Opposite Women's Bathroom, 5-10'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
280531	Radiator Trap	Main / Basement / Meeting Rm Across From Red Staircase	Northwest Radiator, 5-10'	Spirax Sarco	Н	Thermostatic Angle	3	1/2"	NPT	Р	Full Trap, Extremely Difficult Access. Buried In A Wall Blocked By A Radiator. Will Need To Cut Wall To Create Space To Turn Wrench.
280512	Drip Leg	Main / Basement / Men's Bathroom In Front Of Boiler Rm Entrance	Radiator In Stall, 5-10'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, System Shutdown Required
280510	Drip Leg	Main / Basement / Office End Of Hall From Boiler Rm Entrance	On Wall, 5-10'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, System Shutdown Required
280535	Drip Leg	Main / Basement / Restroom Next To Red Staircase	Radiator In Stall, 5-10'	Barnes & Jones	1764	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, System Shutdown Required, Trap Piped Backwards
280501	Radiator Trap	Main / Basement / Rm 20 Storage Area	Radiator Under Window Left Wall, 0-5'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
280504	Drip Leg	Main / Basement / Rm 20 Storage Area	Corner Behind Radiator, 5-10'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, System Shutdown Required

Result Key: B= Blowing L= Leaking P= Plugged Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

			able 1. All Steam Trap S									
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	1	p °F Out	Result	Comments
300101	Univent	Main / 1st / 101	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	210	189	OK	No Trap Station Components.
300102	Radiator Trap	Main / 1st / 101	Below AC, 0-5'	TS-A	N/A	NA	3/4"	3	215	209	В	DDC Radiator Valve. No Trap Station Components.
300111	Radiator Trap	Main / 1st / 101	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
300112	Radiator Trap	Main / 1st / 101	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	194	OK	DDC Radiator Valve. No Trap Station Components.
300113	Univent	Main / 1st / 101	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	196	OK	No Trap Station Components.
300103	Univent	Main / 1st / 102	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	212	176	OK	No Trap Station Components.
300104	Radiator Trap	Main / 1st / 102	Radiator Trap, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Suspected Leak. Access Panel Required
300105	Univent	Main / 1st / 104	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	198	OK	No Trap Station Components.
300106	Radiator Trap	Main / 1st / 104	Radiator Left Of Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	216	198	OK	DDC Radiator Valve. No Trap Station Components.
300107	Radiator Trap	Main / 1st / 104	In Storage Closet, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. No Access.
300114	Radiator Trap	Main / 1st / 105	Closet, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Buried.
300115	Radiator Trap	Main / 1st / 105	Left Radiator, 0-5'	TS-A	Warren Webster	513	3/4"	3	74	76	Р	DDC Radiator Valve. No Trap Station Components. DDC Valve Stuck Closed
300116	Radiator Trap	Main / 1st / 105	Right Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	213	186	OK	DDC Radiator Valve. No Trap Station Components.
300108	Univent	Main / 1st / 106	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	219	214	L	No Trap Station Components.
300109	Radiator Trap	Main / 1st / 106	Radiator Trap In Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	215	185	OK	DDC Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1: A	II Stea	m Trap Su	irvey Inform	nation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300110	Radiator Trap	Main / 1st / 106	Storage Unit, 0-5'	FT	N/A	N/A	3/4"	3	NA		NA	Thermostatic Radiator Valve. No Trap Station Components. Storage Closet Full.
300128	Radiator Trap	Main / 1st / 107A	Radiator On Wall, 5-10'	TS-A	N/A	N/A	3/4"	3	216	200	OK	DDC Radiator Valve. No Trap Station Components.
300129	Drip Leg	Main / 1st / 107A	Drip Against Back Wall, 10-15'	TS-A	Warren Webster	513	3/4"	3	217	165	OK	No Trap Station Components.
300130	Drip Leg	Main / 1st / 107A Storage Closet	Drip In Corner, 10-15'	TS-A	N/A	M/A	3/4"	3	NA	NA	NA	No Trap Station Components. Storage Area Filled.
300131	Radiator Trap	Main / 1st / 107A Storage Closet	Radiator On Wall, 5-10'	TS-A	Warren Webster	512	1/2"	3	224	176	OK	DDC Radiator Valve. No Trap Station Components.
300123	Radiator Trap	Main / 1st / 107B	Left Of Door, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	197	OK	DDC Radiator Valve. No Trap Station Components.
300124	Radiator Trap	Main / 1st / 107B	2nd Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	187	OK	DDC Radiator Valve. No Trap Station Components.
300125	Radiator Trap	Main / 1st / 107B	3rd Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	110	89	Р	DDC Radiator Valve. No Trap Station Components.
300126	Drip Leg	Main / 1st / 107B	Back Left Corner, 5-10'	TS-A	Warren Webster	723	3/4"	3	214	207	L	No Trap Station Components.
300127	Radiator Trap	Main / 1st / 107B	Back Wall, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	78	76	Р	DDC Radiator Valve. No Trap Station Components.
300120	Radiator Trap	Main / 1st / 109A	Radiator On Wall, 5-10'	TS-A	Warren Webster	512	1/2"	3	215	186	OK	DDC Radiator Valve. No Trap Station Components.
300121	Drip Leg	Main / 1st / 109A	Drip In Corner, 10-15'	TS-A	Warren Webster	723	3/4"	3	216	196	OK	No Trap Station Components.
300140	Radiator Trap	Main / 1st / 112	Right Wall, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	187	OK	DDC Radiator Valve. No Trap Station Components.
300141	Radiator Trap	Main / 1st / 112	2nd Radiator On Right, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	211	В	DDC Radiator Valve. No Trap Station Components.
300142	Radiator Trap	Main / 1st / 112A	Below Window, 0-5'	TS-A	Hoffman	17C	1/2"	3	216	191	OK	DDC Radiator Valve. No Trap Station Components.
300144	Radiator Trap	Main / 1st / 114	Below Right Window, 0-5'	TS-A	Warren Webster	513	3/4"	3	216	209	L	DDC Radiator Valve. No Trap Station Components.
300145	Radiator Trap	Main / 1st / 114 Closet	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	78	78	Р	DDC Radiator Valve. No Trap Station Components. DDC Valve Stuck Closed

# 2021 Steam Trap Efficiency Report

			Table 1: A	II Stea	m Trap Su	rvey Inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300146	Radiator Trap	Main / 1st / 114 Closet	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	189	OK	DDC Radiator Valve. No Trap Station Components.
300143	Radiator Trap	Main / 1st / 114B	Left Corner, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	215	208	L	DDC Radiator Valve. No Trap Station Components.
300210	Radiator Trap	Main / 1st / 115	Back Right Corner, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	83	83	Р	Manual Radiator Valve. No Trap Station Components.
300211	Radiator Trap	Main / 1st / 115	Above Double Doors, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	83	83	Р	Manual Radiator Valve. No Trap Station Components. Manual Valve Stuck Open
300212	Radiator Trap	Main / 1st / 115	Left Of Double Doors, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	215	208	L	Manual Radiator Valve. No Trap Station Components.
300213	Radiator Trap	Main / 1st / 115	Above Fire Extinguisher, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	NA	NA	RIP	Manual Radiator Valve. Valved Out, Not Used.
300214	Radiator Trap	Main / 1st / 115	Across From Fire Extinguisher, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	214	186	ОК	Manual Radiator Valve. Inlet Isolation.
300215	Radiator Trap	Main / 1st / 115	Across From Double Doors, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	214	207	L	Manual Radiator Valve. Inlet Isolation Leaking Condensate. Manual Valve Leaking From Valve Body
300216	Radiator Trap	Main / 1st / 115	Across From Double Doors, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	215	207	L	Manual Radiator Valve. Inlet Isolation.
300217	Radiator Trap	Main / 1st / 115	Above Eyewash, Above Ceiling	TS-A	Warren Webster	512	1/2"	3	NA	NA	RIP	Thermostatic Radiator Valve. Not Calling, Not Used.
300218	Radiator Trap	Main / 1st / 115	Far Right Corner, Above Ceiling	TS-A	Warren Webster	513	3/4"	3	214	212	В	Manual Radiator Valve. Inlet Isolation.
300155	Radiator Trap	Main / 1st / 119 Custodial Lounge	In Bathroom, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	100	Р	Thermostatic Radiator Valve. No Trap Station Components.
300156	Radiator Trap	Main / 1st / 119 Custodial Lounge	Under Right Window, 0-5'	TS-A	Warren Webster	513	3/4"	3	214	98	Р	DDC Radiator Valve. No Trap Station Components.
300157	Radiator Trap	Main / 1st / 119 Custodial Lounge	Under Left Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	212	L	DDC Radiator Valve. No Trap Station Components.
300160	Radiator Trap	Main / 1st / 120 Storage Rm	Right Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	212	L	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open
300161	Radiator Trap	Main / 1st / 120 Storage Rm	Left Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	198	OK	DDC Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

Table 1	: All Steam	<b>Trap Survey</b>	Information	

			Table 1: A	II Stea	m Trap S	urvey Informa	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300162	Radiator Trap	Main / 1st / 120 Storage Rm	Bathroom Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	185	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
300167	Radiator Trap	Main / 1st / 121	Storage Rm Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
300168	Univent	Main / 1st / 121	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	177	OK	No Trap Station Components.
300169	Univent	Main / 1st / 122	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	174	OK	No Trap Station Components.
300170	Radiator Trap	Main / 1st / 122	Univent Back Right, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	76	89	Р	DDC Radiator Valve. No Trap Station Components.
300171	Radiator Trap	Main / 1st / 122	Closet, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Buried Beneath Toys.
300175	Radiator Trap	Main / 1st / 123	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	207	L	DDC Radiator Valve. No Trap Station Components.
300176	Univent	Main / 1st / 123	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	189	OK	No Trap Station Components.
300177	Radiator Trap	Main / 1st / 123	Bathroom, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	181	OK	Thermostatic Radiator Valve. No Trap Station Components.
300172	Univent	Main / 1st / 124	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	199	OK	No Trap Station Components.
300173	Radiator Trap	Main / 1st / 124	Univent Back Right Corner, 0-5'	TS-A	Watts	1G	1/2"	3	216	179	OK	Thermostatic Radiator Valve. No Trap Station Components.
300174	Radiator Trap	Main / 1st / 124	Closet, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. Buried.
269300	Drip Leg	Main / 1st / 3 Next To Cafeteria	Right Corner, 0-5'	FT	Spirax Sarco	FT15	3/4"	3	215	178	OK	Inlet Isolation, Strainer, Blowdown.
300132	Drip Leg	Main / 1st / Bathroom Across From 109	Radiator On Wall, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	89	Р	No Trap Station Components.
300134	Radiator Trap	Area Next To 109	Radiator Across From Entrance, 10-15'	TS-A	Warren Webster	512	1/2"	3	216	198	OK	DDC Radiator Valve. No Trap Station Components.
300135	Radiator Trap	Main / 1st / Cabinet/Storage Area Next To 109	Radiator Back Wall, 5-10'	TS-A	Barnes & Jones	134	3/4"	3	NA	NA	RIP	No Radiator Valve. Disconnected From System.
300136	Reheat Coil	Main / 1st / Cabinet/Storage Area Next To 109	Against Back Wall, 5-10'	FT	Hoffman	FT015-H	3/4"	3	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
300137	Drip Leg	Main / 1st / Cabinet/Storage Area Next To 109	Middle Of Back Wall, 10-15'	TS-A	Warren Webster	513	3/4"	3	80	80	NIS	No Trap Station Components. Valved Out.
300132 300134 300135 300136	Drip Leg Radiator Trap Radiator Trap Reheat Coil	3 Next To Cafeteria Main / 1st / Bathroom Across From 109 Main / 1st / Cabinet/Storage Area Next To 109 Main / 1st / Cabinet/Storage Area Next To 109 Main / 1st / Cabinet/Storage Area Next To 109 Main / 1st / Cabinet/Storage	Radiator On Wall, 0-5' Radiator Across From Entrance, 10-15' Radiator Back Wall, 5-10' Against Back Wall, 5-10' Middle Of Back Wall,	TS-A TS-A TS-A FT	Sarco Warren Webster Warren Webster Barnes & Jones Hoffman Warren	512 512 134 FT015-H	1/2" 1/2" 3/4" 3/4"	3 3 3 3	215 216 NA 80	89 198 NA 80	P OK RIP NIS	No Trap Station Components DDC Radiator Valve. No Trap St Components. No Radiator Valve. Disconnec From System. Inlet Isolation, Strainer, Blowdo Outlet Isolation. Valved Out No Trap Station Components. Va

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

# 2021 Steam Trap Efficiency Report

			I able 1: A	III Stea	m Trap Si	urvey Inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
300138	Drip Leg	Main / 1st / Cabinet/Storage Area Next To 109	Right Corner Below Ductwork, 10-15'	TS-A	Warren Webster	533	3/4"	3	80	80	NIS	Outlet Isolation. Valved Out.
300147	Reheat Coil	Main / 1st / Cafeteria	Left Wall, 10-15'	TS-A	Warren Webster	N05	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300148	Reheat Coil	Main / 1st / Cafeteria	Left Wall, 10-15'	TS-A	Warren Webster	N05	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300149	Drip Leg	Main / 1st / Cafeteria	Back Left Corner, 10-15'	TS-A	Warren Webster	788	3/4"	3	215	199	OK	No Trap Station Components.
300150	Reheat Coil	Main / 1st / Cafeteria	Back Left Corner, 10-15'	TS-A	Warren Webster	544	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300151	Reheat Coil	Main / 1st / Cafeteria	Back Left Corner, 10-15'	TS-A	Warren Webster	544	1"	3	NA	NA	RIP	Valved Out, Disconnected From System.
300152	Radiator Trap	Main / 1st / Cafeteria	Radiator Above Middle Window, 10-15'	TS-A	Warren Webster	514	3/4"	3	216	192	OK	DDC Radiator Valve. No Trap Station Components.
300153	Radiator Trap	Main / 1st / Cafeteria	Radiator Right Corner, 5-10'	TS- RH	Warren Webster	513RB	1/2"	3	214	176	OK	DDC Radiator Valve. No Trap Station Components.
300154	Drip Leg	Main / 1st / Cafeteria	Next To Radiator In Right Corner, 10-15'	TS-A	Warren Webster	513	3/4"	3	213	179	OK	No Trap Station Components.
300164	Radiator Trap	Main / 1st / Girl's Bathroom Across From Cafeteria	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	78	76	Р	DDC Radiator Valve. No Trap Station Components.
300118	Radiator Trap	Main / 1st / Hallway	Radiator Across From 109A, 0-5'	TS-A	Warren Webster	512	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
300119	Radiator Trap	Main / 1st / Hallway	Next To 109A, 5-10'	TS-A	Warren Webster	512	1/2"	3	215	193	OK	Thermostatic Radiator Valve. No Trap Station Components.
300117	Drip Leg	Main / 1st / Hallway	Outside 109A, 10-15'	FT	Spirax Sarco	FT15	1"	3	213	208	L	Inlet Isolation, Strainer, Outlet Isolation.
300122	Radiator Trap	Main / 1st / Hallway	Outside 107B, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	208	L	Manual Radiator Valve. No Trap Station Components. Manual Valve Stuck Open
300133	Radiator Trap	Main / 1st / Hallway	Across From Large Storage, 0-5'	TS-V	N/A	NO TRAP	1/2"	3	78	78	Р	No Radiator Valve. No Trap Station Components.
<mark>300134</mark>	Radiator Trap	Main / 1st / Hallway	Outside Elevator, 0-5'	TS-S	Мерсо	1E	1/2"	3	214	208	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Radiator Valve Leaking By
300163	Radiator Trap	Main / 1st / Hallway	Across From Cafeteria, 0-5'	TS-S	N/A	NO TRAP	3/4"	3	213	213	L	DDC Radiator Valve. No Trap Station Components.

**Table 1: All Steam Trap Survey Information** 

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

0-5'

Trap

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Components.

# 2021 Steam Trap Efficiency Report

			I able 1: A	II Stea	m Trap Si	urvey Inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
300209	Radiator Trap	Main / 1st / Machine Shop	Back Right Corner, 10-15'	TS-A	Warren Webster	513	3/4"	3	214	179	OK	DDC Radiator Valve. No Trap Station Components.
300219	Drip Leg	Main / 1st / Pantry	Back Wall, 5-10'	TS-A	Warren Webster	533	3/4"	3	156	164	Р	No Trap Station Components.
300220	Radiator Trap	Main / 1st / Pantry	Back Left Corner, 5-10'	TS-A	Warren Webster	513	3/4"	3	82	82	Р	DDC Radiator Valve. No Trap Station Components.
300221	Drip Leg	Main / 1st / Pantry	Around Corner From Door, 5-10'	FT	Spirax Sarco	FT15	3/4"	3	215	182	OK	Inlet Isolation, Strainer, Blowdown.
300178	Radiator Trap	Main / 1st / Stairwell 1	Outside 124, 0-5'	TS-A	Warren Webster	513	3/4"	3	216	212	В	Manual Radiator Valve. No Trap Station Components. Manual Valve Stuck Open
300179	Radiator Trap	Main / 1st / Stairwell 1	Lower Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	211	В	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Open
300180	Radiator Trap	Main / 1st / Stairwell 1	At Exit, 0-5'	TS-A	Warren Webster	512	1/2"	3	81	81	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
300165	Radiator Trap	Main / 1st / Stairwell 2	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	78	78	Р	Thermostatic Radiator Valve. No Trap Station Components.
300166	Radiator Trap	Main / 1st / Stairwell 2	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	77	78	Р	Thermostatic Radiator Valve. No Trap Station Components.
300181	Radiator Trap	Main / 1st / Stairwell 4	At Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	207	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Radiator Valve Leaking By
300158	Radiator Trap	Main / 1st / Vestibule Outside Custodial Lounge	Right Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
300159	Radiator Trap	Main / 1st / Vestibule Outside Custodial Lounge	Left Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	193	OK	Thermostatic Radiator Valve. No Trap Station Components.
300182	Radiator Trap	Main / 2nd / 201	Radiator, 0-5'	TS-A	N/A	NA	3/4"	3	NA	NA	NA	Thermostatic Radiator Valve. No Trap Station Components. Cannot Remove Cover.
300183	Univent	Main / 2nd / 202A	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	207	L	No Trap Station Components.
300184	Univent	Main / 2nd / 202A	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	178	OK	No Trap Station Components.
300191	Radiator Trap	Main / 2nd / 203	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	84	83	Р	Thermostatic Radiator Valve. No Trap Station Components.

Table 1: All Steam Trap Survey Information

# 2021 Steam Trap Efficiency Report

			Table 1: A	II Stea	m Trap Su	urvey Inform						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300192	Radiator Trap	Main / 2nd / 203	Left Radiator, 0-5'	TS-A	Warren Webster	513	3/4"	3	217	209	L	DDC Radiator Valve. No Trap Station Components.
300193	Radiator Trap	Main / 2nd / 203	Right Radiator, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	215	183	OK	DDC Radiator Valve. No Trap Station Components.
300185	Univent	Main / 2nd / 204	Univent, 0-5'	FT	Spirax Sarco	FTI-15	3/4"	3	216	194	OK	Outlet Isolation.
300186	Radiator Trap	Main / 2nd / 204	Radiator, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	214	187	OK	DDC Radiator Valve. No Trap Station Components.
300187	Radiator Trap	Main / 2nd / 204	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	81	81	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling.
300195	Radiator Trap	Main / 2nd / 205	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	178	OK	DDC Radiator Valve. No Trap Station Components.
300196	Radiator Trap	Main / 2nd / 205	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	209	L	DDC Radiator Valve. No Trap Station Components.
300194	Radiator Trap	Main / 2nd / 205C	Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	NA	NA	RIP	DDC Radiator Valve. Valved Out, Not Used.
300197	Radiator Trap	Main / 2nd / 205D	Below Window, Above 15'	TS-A	Warren Webster	512	1/2"	3	216	207	L	DDC Radiator Valve. No Trap Station Components.
300188	Univent	Main / 2nd / 206	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	186	OK	No Trap Station Components.
300189	Radiator Trap	Main / 2nd / 206	Radiator, 0-5'	TS-A	Hoffman	17C	1/2"	3	215	188	OK	DDC Radiator Valve. No Trap Station Components.
300190	Radiator Trap	Main / 2nd / 206	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	83	81	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling.
300201	Radiator Trap	Main / 2nd / 215	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	192	OK	DDC Radiator Valve. No Trap Station Components.
300202	Radiator Trap	Main / 2nd / 215	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	191	OK	DDC Radiator Valve. No Trap Station Components.
300227	Radiator Trap	Main / 2nd / 216	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	207	L	DDC Radiator Valve. No Trap Station Components.
300232	Radiator Trap	Main / 2nd / 216 Bathroom	Below Window, 0-5'	TS-A	Webster	512	1/2"	3	215	179	OK	DDC Radiator Valve. No Trap Station Components.
300224	Radiator Trap	Main / 2nd / 216A	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	192	OK	DDC Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	m Trap S	urvey Inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300225	Radiator Trap	Main / 2nd / 216A	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	91	90	Р	DDC Radiator Valve. No Trap Station Components.
300229	Radiator Trap	Main / 2nd / 216B	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	218	211	В	DDC Radiator Valve. No Trap Station Components.
300230	Radiator Trap	Main / 2nd / 216B	Middle Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	188	OK	DDC Radiator Valve. No Trap Station Components.
300231	Radiator Trap	Main / 2nd / 216B	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	207	L	DDC Radiator Valve. No Trap Station Components.
300228	Radiator Trap	Main / 2nd / 216C	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	183	ОК	Manual Radiator Valve. No Trap Station Components. Manual Valve Radiator Valve Leaking By
300226	Radiator Trap	Main / 2nd / 216D	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	178	OK	DDC Radiator Valve. No Trap Station Components.
300206	Radiator Trap	Main / 2nd / 217	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	196	OK	DDC Radiator Valve. No Trap Station Components.
300207	Radiator Trap	Main / 2nd / 217	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	87	87	Р	DDC Radiator Valve. No Trap Station Components.
300208	Radiator Trap	Main / 2nd / 217	Bathroom, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	199	OK	DDC Radiator Valve. No Trap Station Components.
300203	Radiator Trap	Main / 2nd / 218	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	189	OK	DDC Radiator Valve. No Trap Station Components.
300243	Univent	Main / 2nd / 223	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	207	L	Inlet Isolation, Outlet Isolation.
300244	Radiator Trap	Main / 2nd / 223	Radiator, 0-5'	TS-S	Barnes & Jones	134	3/4"	3	214	185	OK	DDC Radiator Valve. No Trap Station Components.
300245	Radiator Trap	Main / 2nd / 223	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	89	89	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling.
300240	Univent	Main / 2nd / 224	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	177	OK	No Trap Station Components.
300241	Radiator Trap	Main / 2nd / 224	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	179	OK	DDC Radiator Valve. No Trap Station Components.
300242	Radiator Trap	Main / 2nd / 224	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	207	L	Thermostatic Radiator Valve. No Trap Station Components.
300249	Radiator Trap	Main / 2nd / 225	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	208	L	Thermostatic Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information       Trap     Ment Number 1       Pripe System     Temp °F												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model	Pipe Size	System PSI	Tem In	-	Result	Comments	
300250	Radiator Trap	Main / 2nd / 225	Radiator, 0-5'	TS-S	Barnes & Jones	134	3/4"	3	89	89	Р	DDC Radiator Valve. No Trap Station Components. DDC Valve Stuck Closed	
300251	Univent	Main / 2nd / 225	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	207	L	Inlet Isolation, Outlet Isolation.	
300248	Radiator Trap	Main / 2nd / 226	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	215	197	OK	DDC Radiator Valve. No Trap Station Components.	
300246	Univent	Main / 2nd / 226	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	185	OK	Inlet Isolation, Outlet Isolation.	
300247	Radiator Trap	Main / 2nd / 226	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	217	207	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Leaking From Valve Body	
300239	Radiator Trap	Main / 2nd / Boy's Bathroom Next To 224	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	191	OK	DDC Radiator Valve. No Trap Station Components.	
300198	Radiator Trap	Main / 2nd / Girl's Bathroom Across From Library	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	192	OK	DDC Radiator Valve. No Trap Station Components.	
300223	Radiator Trap	Main / 2nd / Hallway	Outside Elevator, 0-5'	TS-S	Barnes & Jones	122	1/2"	3	215	211	В	Thermostatic Radiator Valve. No Trap Station Components.	
300233	Radiator Trap	Main / 2nd / Hallway	Across From Auditorium, 0-5'	TS-A	Warren Webster	513	3/4"	3	215	196	OK	Manual Radiator Valve. No Trap Station Components.	
300252	Radiator Trap	Main / 2nd / Hallway	Outside 225, 0-5'	TS-A	Warren Webster	713	3/4"	3	215	197	ОК	Manual Radiator Valve. No Trap Station Components. Manual Valve Broken Off	
300222	AHU	Main / 2nd / Library	Between 215 And 214, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	214	174	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.	
300236	Radiator Trap	Main / 2nd / Stage	Right Radiator, 0-5'	TS-A	Warren Webster	513	3/4"	3	210	174	OK	DDC Radiator Valve. No Trap Station Components.	
300234	AHU	Main / 2nd / Stage	Left AHU, 0-5'	FT	Hoffman	FT015-H5	1 1/4"	3	190	176	ОК	Strainer, Blowdown, Outlet Isolation.	
300235	Radiator Trap	Main / 2nd / Stage	Left Radiator, 0-5'	TS-A	Warren Webster	513	3/4"	3	85	85	Р	DDC Radiator Valve. No Trap Station Components.	
300237	AHU	Main / 2nd / Stage	Right AHU, 10-15'	FT	Hoffman	FT015-H5	1 1/4"	3	213	178	OK	Strainer, Blowdown, Outlet Isolation.	
300253	Radiator Trap	Main / 2nd / Stairwell 1	Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	89	89	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling.	

# 2021 Steam Trap Efficiency Report

### Table 1: All Steam Trap Survey Information

			Table 1. A		m Trap S	urvey inform						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300238	Radiator Trap	Main / 2nd / Stairwell 2	Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	81	81	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
300199	Radiator Trap	Main / 2nd / Stairwell 3	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	81	81	Р	Thermostatic Radiator Valve. No Trap Station Components.
300200	Radiator Trap	Main / 2nd / Stairwell 3	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	87	84	Р	Thermostatic Radiator Valve. No Trap Station Components.
300204	Radiator Trap	Main / 2nd / Stairwell Behind Library	At Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	89	86	Р	Thermostatic Radiator Valve. No Trap Station Components.
300205	Radiator Trap	Main / 2nd / Stairwell Behind Library	At Dead End Stairs, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	193	OK	Manual Radiator Valve. No Trap Station Components. Manual Valve Stuck Open
300262	Radiator Trap	Main / 3rd / 301	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	90	90	Р	Thermostatic Radiator Valve. No Trap Station Components.
300263	Radiator Trap	Main / 3rd / 301	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	215	181	OK	DDC Radiator Valve. No Trap Station Components.
300264	Univent	Main / 3rd / 301	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	197	OK	Inlet Isolation, Outlet Isolation.
300256	Univent	Main / 3rd / 304	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	193	OK	Inlet Isolation, Outlet Isolation.
300257	Radiator Trap	Main / 3rd / 304	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	213	176	OK	DDC Radiator Valve. No Trap Station Components.
300258	Radiator Trap	Main / 3rd / 304	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	88	88	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
300265	Univent	Main / 3rd / 305	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	85	85	NIS	Inlet Isolation, Outlet Isolation. Not Calling.
300266	Radiator Trap	Main / 3rd / 305	Radiator, 0-5'	TS-A	Warren Webster	523	3/4"	3	216	195	OK	DDC Radiator Valve. No Trap Station Components.
300267	Univent	Main / 3rd / 305	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	NIS	Inlet Isolation, Outlet Isolation. Valved Out.
300259	Radiator Trap	Main / 3rd / 306A	Beneath Cover, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	216	178	OK	DDC Radiator Valve. No Trap Station Components.
300260	Univent	Main / 3rd / 306B	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	178	OK	No Trap Station Components.
300261	Radiator Trap	Main / 3rd / 306B	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	91	91	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information       ag # Application													
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments		
300269	Univent	Main / 3rd / 307	1st Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	189	OK	Inlet Isolation, Outlet Isolation.		
300270	Radiator Trap	Main / 3rd / 307	1st Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	217	185	OK	DDC Radiator Valve. No Trap Station Components.		
300271	Radiator Trap	Main / 3rd / 307	2nd Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	217	202	OK	DDC Radiator Valve. No Trap Station Components.		
300272	Radiator Trap	Main / 3rd / 307	3rd Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	189	OK	DDC Radiator Valve. No Trap Station Components.		
300273	Radiator Trap	Main / 3rd / 307	4th Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	193	OK	DDC Radiator Valve. No Trap Station Components.		
300274	Radiator Trap	Main / 3rd / 307	5th Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	200	OK	DDC Radiator Valve. No Trap Station Components.		
300275	Univent	Main / 3rd / 307	2nd Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	178	OK	Inlet Isolation, Outlet Isolation.		
300280	Radiator Trap	Main / 3rd / 312	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	189	OK	DDC Radiator Valve. No Trap Station Components.		
300278	Radiator Trap	Main / 3rd / 312A	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	211	В	DDC Radiator Valve. No Trap Station Components.		
300279	Radiator Trap	Main / 3rd / 312A	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	179	OK	DDC Radiator Valve. No Trap Station Components.		
300277	Radiator Trap	Main / 3rd / 312B	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	207	L	DDC Radiator Valve. No Trap Station Components.		
300284	Radiator Trap	Main / 3rd / 312C	Middle Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	82	82	Р	DDC Radiator Valve. No Trap Station Components. DDC Valve Stuck Closed		
300285	Radiator Trap	Main / 3rd / 312C	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	85	85	Р	Thermostatic Radiator Valve. No Trap Station Components.		
300281	Radiator Trap	Main / 3rd / 312D	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	199	OK	Thermostatic Radiator Valve. No Trap Station Components.		
300282	Radiator Trap	Main / 3rd / 312D	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	192	OK	Thermostatic Radiator Valve. No Trap Station Components.		
300287	Radiator Trap	Main / 3rd / 313	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	193	OK	DDC Radiator Valve. No Trap Station Components.		
300288	Radiator Trap	Main / 3rd / 313	Middle Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	209	L	DDC Radiator Valve. No Trap Station Components.		
300289	Radiator Trap	Main / 3rd / 313	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	189	OK	DDC Radiator Valve. No Trap Station Components.		

Tag # Application

# 2021 Steam Trap Efficiency Report

**Comments** 

	Table 1: A	II Stea	m Trap S	urvey Informa	ation					
Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		ip °F Out	Result	
Main / 3rd / 322	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	81	81	NIS	Inlet Is
Main / 3rd / 322	Radiator Access Panels, 0-5'	TS-A	N/A	NA	3/4"	3	89	89	Р	DDC Radi
Main / 3rd / 322	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	208	L	Thermosta Station C
Main / 3rd / 323	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	178	OK	Thermosta St
			Barnes							DDC Radi

0	**	U	•	Type			Size	PSI	In	Out		
300292	Univent	Main / 3rd / 322	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	81	81	NIS	Inlet Isolation, Outlet Isolation. Valved Out.
300293	Radiator Trap	Main / 3rd / 322	Radiator Access Panels, 0-5'	TS-A	N/A	NA	3/4"	3	89	89	Р	DDC Radiator Valve. No Trap Station Components.
300294	Radiator Trap	Main / 3rd / 322	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	208	L	Thermostatic Radiator Valve. No Tra Station Components. Thermostatic Valve Broken Off
300295	Radiator Trap	Main / 3rd / 323	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	215	178	OK	Thermostatic Radiator Valve. No Tra Station Components.
300296	Radiator Trap	Main / 3rd / 323	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	182	OK	DDC Radiator Valve. No Trap Statio Components.
300297	Univent	Main / 3rd / 323	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	185	OK	Inlet Isolation, Outlet Isolation.
300298	Radiator Trap	Main / 3rd / 324	Below Window, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	200	187	OK	DDC Radiator Valve. No Trap Static Components.
300301	Radiator Trap	Main / 3rd / 325	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	193	OK	Thermostatic Radiator Valve. No Tra Station Components.
300302	Radiator Trap	Main / 3rd / 325	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	188	OK	DDC Radiator Valve. No Trap Statio Components.
300303	Univent	Main / 3rd / 325	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	210	191	OK	Inlet Isolation, Outlet Isolation.
300299	Radiator Trap	Main / 3rd / 326	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	89	88	Р	DDC Radiator Valve. No Trap Static Components.
300300	Radiator Trap	Main / 3rd / 326	Closet, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	209	L	Thermostatic Radiator Valve. No Tra Station Components.
300291	Radiator Trap	Main / 3rd / Girl's Bathroom Next To 322	Below Window, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	182	OK	DDC Radiator Valve. No Trap Static Components.
300255	Radiator Trap	Main / 3rd / Hallway	Outside 304, 0-5'	TS-A	Warren Webster	512	1/2"	3	89	89	NIS	Thermostatic Radiator Valve. No Tra Station Components. Not Calling. Thermostatic Valve Stuck Closed
300276	Radiator Trap	Main / 3rd / Hallway	Outside Elevator, 0-5'	TS-S	Barnes & Jones	122	1/2"	3	215	207	L	Thermostatic Radiator Valve. No Tra Station Components.
300286	Radiator Trap	Main / 3rd / Hallway	Next To 312, 0-5'	TS-A	Warren Webster	523	3/4"	3	NA	NA	RIP	Thermostatic Radiator Valve. Valve Out.
300304	Radiator Trap	Main / 3rd / Hallway	Outside 325, 0-5'	TS-A	Warren Webster	513	3/4"	3	81	81	NIS	Thermostatic Radiator Valve. No Tr Station Components. Not Calling. Thermostatic Valve Stuck Closed

# 2021 Steam Trap Efficiency Report

rubic it in Steam it up Survey information	Table	1: All	Steam	Trap	Survey	Information	
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			Table 1: A	1	m rrap si	urvey morm					1	
Tag #	Application	<b>Building / Floor / Room</b>	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300305	Radiator Trap	Main / 3rd / Stairwell 1	Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	199	OK	Thermostatic Radiator Valve. No Tra Station Components.
300290	Radiator Trap	Main / 3rd / Stairwell 2	Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	82	82	Р	Thermostatic Radiator Valve. No Tra Station Components. Thermostatic Radiator Valve Leaking By
300268	Radiator Trap	Main / 3rd / Stairwell 3	Landing 300268, 0-5'	TS-A	Warren Webster	512	1/2"	3	85	85	Р	Thermostatic Radiator Valve. No Tra Station Components.
300254	Radiator Trap	Main / 3rd / Stairwell 4	Landing, 0-5'	TS-A	Warren Webster	512	1/2"	3	86	86	NIS	Thermostatic Radiator Valve. No Tra Station Components. Not Calling.
300309	Drip Leg	Main / 4th / Gym	Left End, 10-15'	FT	Spirax Sarco	FT15	3/4"	3	215	188	OK	Inlet Isolation, Strainer, Blowdown
300310	AHU	Main / 4th / Gym Storage	Left AHU, 10-15'	FT	Spirax Sarco	FT15	1"	3	210	174	OK	Strainer, Blowdown.
300311	Drip Leg	Main / 4th / Gym Storage	Left Radiator AHU, 10-15'	FT	Spirax Sarco	FT15	3/4"	3	215	176	OK	Inlet Isolation, Strainer, Blowdown
300313	AHU	Main / 4th / Gym Storage	Right AHU, 10-15'	FT	Spirax Sarco	FT15	1"	3	211	176	OK	Strainer.
300312	Radiator Trap	Main / 4th / Stairwell 2	Skylight, 10-15'	TS-A	Warren Webster	523	3/4"	3	214	198	OK	Manual Radiator Valve. Inlet Isolation.
300314	Radiator Trap	Main / 4th / Stairwell 2	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	213	194	OK	Thermostatic Radiator Valve. No Tra Station Components.
300315	Radiator Trap	Main / 4th / Stairwell 2	Right Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	87	97	Р	Thermostatic Radiator Valve. No Tra Station Components.
300306	Radiator Trap	Main / 4th / Stairwell 3	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	199	ОК	Thermostatic Radiator Valve. No Tra Station Components.
300307	Radiator Trap	Main / 4th / Stairwell 3	Left Radiator, 0-5'	TS-A	Warren Webster	512	1/2"	3	216	199	ОК	Thermostatic Radiator Valve. No Tra Station Components.
300308	Radiator Trap	Main / 4th / Stairwell 3	Skylight, 10-15'	TS-A	Warren Webster	513	3/4"	3	88	88	NIS	Manual Radiator Valve. Inlet Isolation. Valved Out.
269288	Drip Leg	Main / Basement / Boiler Rm C	Against Back Wall Next To Access Door, 10-15'	TS-A	Warren Webster	533	3/4"	3	216	197	OK	No Trap Station Components.
269289	Drip Leg	Main / Basement / Boiler Rm C	Below Main Header Against Wall, 10-15'	FT	Hoffman	FT56	1 1/4"	3	215	98	Р	Inlet Isolation, Strainer.
269283	Drip Leg	Main / Basement / Boiler Rm D	Left Of Boiler 2, 5-10'	FT	Hoffman	FT55	3/4"	3	80	80	NIS	Inlet Isolation, Strainer. Valved Ou
269284	Drip Leg	Main / Basement / Boiler Rm D	Left Of Boiler 1, 5-10'	FT	Hoffman	FT55	3/4"	3	80	80	NIS	Inlet Isolation, Strainer. Valved Ou

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	m Trap S	urvey Inform	ation					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
269285	Drip Leg	Main / Basement / Boiler Rm D	Front Of Boiler, 5-10'	FT	Hoffman	FT55	3/4"	3	216	213	L	Inlet Isolation, Strainer, Outlet Isolation.
269292	Univent	Main / Basement / Classroom A	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	186	OK	No Trap Station Components.
269293	Radiator Trap	Main / Basement / Classroom A	Radiator, 0-5'	TS-A	Hoffman	8C	3/4"	3	214	167	OK	DDC Radiator Valve. No Trap Station Components.
269291	Radiator Trap	Main / Basement / Classroom B	Radiator Left Window, 0-5'	TS-A	Hoffman	8C	3/4"	3	213	194	OK	DDC Radiator Valve. No Trap Station Components.
269291	Univent	Main / Basement / Classroom B	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	200	120	Р	No Trap Station Components.
269296	Radiator Trap	Main / Basement / Hallway	Radiator Outside Classroom A, 5-10'	TS-A	Warren Webster	513	3/4"	3	216	189	OK	Manual Radiator Valve. No Trap Station Components.
269297	Drip Leg	Main / Basement / Hallway	Outside Classroom A, 10-15'	TS-A	Warren Webster	513	3/4"	3	214	187	OK	No Trap Station Components.
269298	Radiator Trap	Main / Basement / Stairwell By Exit 13	Platform Left Side, 0-5'	TS-A	Warren Webster	512	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
269299	Radiator Trap	Main / Basement / Stairwell By Exit 13	Platform Right Side, 0-5'	TS-A	Warren Webster	512	1/2"	3	214	132	Р	Thermostatic Radiator Valve. No Trap Station Components.
269294	Drip Leg	Main / Basement / Storage Rm Next To Classroom A	Back Corner, 5-10'	FT	Warren Webster	N/A	1 1/4"	3	216	212	L	Inlet Isolation.
269295	Radiator Trap	Main / Basement / Storage Rm Next To Classroom A	Radiator Ceiling, 5-10'	TS-A	Warren Webster	513	1/2"	3	NA	NA	RIP	No Radiator Valve. Disconnected From System.
269287	Drip Leg	Main / Basement / Storage Rm Off Boiler Rm C	Under Header Against Wall, 10-15'	FT	Hoffman	CT56	1 1/4"	3	215	177	OK	Inlet Isolation, Strainer.
300316	Drip Leg	Main / Basement / Carpenter Shop	Back Corner, 10-15'	FT	Spirax Sarco	FT15	1 1/4"	3	215	196	OK	Inlet Isolation, Strainer.
300317	Univent	Main / Basement / Carpenter Shop	Univent, 10-15'	FT	Spirax Sarco	FT14	3/4"	3	214	199	OK	Outlet Isolation.
300283	Univent	Main / Basement / Garage Storage	Univent, 0-5'	FT	Hoffman	55	2"	3	214	181	OK	Strainer.

### Table 2: Blowing, Leaking, and Plugged Traps

# Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300102	Radiator Trap	Main / 1st / 101	Below AC, 0-5'	N/A	NA	Thermostatic Angle	3	3/4"	NPT	В	Full Trap, Difficult Access, Scheduling Issues, Will Need To Cut Access Panel. Model Unknown. Can Hear Blowing From 10'Out.
300115	Radiator Trap	Main / 1st / 105	Left Radiator, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues
300108	Univent	Main / 1st / 106	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, Difficult Access
300125	Radiator Trap	Main / 1st / 107B	3rd Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300126	Drip Leg	Main / 1st / 107B	Back Left Corner, 5-10'	Warren Webster	723	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues, System Shutdown Required
300127	Radiator Trap	Main / 1st / 107B	Back Wall, 0-5'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300141	Radiator Trap	Main / 1st / 112	2nd Radiator On Right, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, No Issues
300144	Radiator Trap	Main / 1st / 114	Below Right Window, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300145	Radiator Trap	Main / 1st / 114 Closet	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300143	Radiator Trap	Main / 1st / 114B	Left Corner, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300210	Radiator Trap	Main / 1st / 115	Back Right Corner, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues
300211	Radiator Trap	Main / 1st / 115	Above Double Doors, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues
300212	Radiator Trap	Main / 1st / 115	Left Of Double Doors, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300215	Radiator Trap	Main / 1st / 115	Across From Double Doors, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300216	Radiator Trap	Main / 1st / 115	Across From Double Doors, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Efficiency Report

	Table 2: Blowing, Leaking, and Plugged Traps         Table 2: Blowing, Leaking, and Plugged Traps         Cag # Application       Building / Floor / Room       Trap Location       Mfr       Model       Trap Type       System       Pipe       Conn       Desult       Install/Access Issues													
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	<b>Install/Access Issues</b>			
300218	Radiator Trap	Main / 1st / 115	Far Right Corner, Above Ceiling	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	В	Repair Kit, Difficult Access, Scheduling Issues			
300155	Radiator Trap	Main / 1st / 119 Custodial Lounge	In Bathroom, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues			
300156	Radiator Trap	Main / 1st / 119 Custodial Lounge	Under Right Window, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues			
300157	Radiator Trap	Main / 1st / 119 Custodial Lounge	Under Left Window, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access			
300160	Radiator Trap	Main / 1st / 120 Storage Rm	Right Window, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Radiator Valve Is An Old Pneumatic Valve.			
300162	Radiator Trap	Main / 1st / 120 Storage Rm	Bathroom Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Difficult Access			
300170	Radiator Trap	Main / 1st / 122	Univent Back Right, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Difficult Access			
300175	Radiator Trap	Main / 1st / 123	Radiator, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues			
300132	Drip Leg	Main / 1st / Bathroom Across From 109	Radiator On Wall, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Difficult Access, Will Have To Dismantle Wood Frame Around			
300164	Radiator Trap	Main / 1st / Girl's Bathroom Across From Cafeteria	Below Window, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues			
300117	Drip Leg	Main / 1st / Hallway	Outside 109A, 10-15'	Spirax Sarco	FT15	Float & Thermostatic	3	1"	NPT	L	Repair Kit, No Issues			
300122	Radiator Trap	Main / 1st / Hallway	Outside 107B, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access			
300133	Radiator Trap	Main / 1st / Hallway	Across From Large Storage, 0-5'	N/A	NOTRAP	Thermostatic Vertical	3	1/2"	NPT	Р	Full Trap, Difficult Access			
300134	Radiator Trap	Main / 1st / Hallway	Outside Elevator, 0-5'	Mepco	1E	Thermostatic Straight	3	1/2"	NPT	L	Repair Kit, No Issues			
300163	Radiator Trap	Main / 1st / Hallway	Across From Cafeteria, 0-5'	N/A	NOTRAP	Thermostatic Straight	3	3/4"	NPT	L	Full Trap, No Issues			
300219	Drip Leg	Main / 1st / Pantry	Back Wall, 5-10'	Warren Webster	533	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, System Shutdown Required			
300220	Radiator Trap	Main / 1st / Pantry	Back Left Corner, 5-10'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues			

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2: B	lowing, Lea	aking, and	Plugged Trap	S				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300178	Radiator Trap	Main / 1st / Stairwell 1	Outside 124, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	В	Repair Kit, Difficult Access
300179	Radiator Trap	Main / 1st / Stairwell 1	Lower Landing, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, No Issues
300180	Radiator Trap	Main / 1st / Stairwell 1	At Exit, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300165	Radiator Trap	Main / 1st / Stairwell 2	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300166	Radiator Trap	Main / 1st / Stairwell 2	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300181	Radiator Trap	Main / 1st / Stairwell 4	At Landing, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
300183	Univent	Main / 2nd / 202A	Left Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, Scheduling Issues
300191	Radiator Trap	Main / 2nd / 203	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300192	Radiator Trap	Main / 2nd / 203	Left Radiator, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Scheduling Issues
300196	Radiator Trap	Main / 2nd / 205	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300197	Radiator Trap	Main / 2nd / 205D	Below Window, Above 15'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300227	Radiator Trap	Main / 2nd / 216	Below Window, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300225	Radiator Trap	Main / 2nd / 216A	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300229	Radiator Trap	Main / 2nd / 216B	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, Scheduling Issues
300231	Radiator Trap	Main / 2nd / 216B	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300207	Padiator	Main / 2nd / 217	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300243		Main / 2nd / 223	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300242	Radiator Trap	Main / 2nd / 224	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access

Result Key: B= Blowing L= Leaking P= Plugged

Angle

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2: Bl	owing, Lea	aking, and	Plugged Trap	S				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300249	Radiator Trap	Main / 2nd / 225	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300250	Radiator Trap	Main / 2nd / 225	Radiator, 0-5'	Barnes & Jones	134	Thermostatic Straight	3	3/4"	NPT	Р	Full Trap, Difficult Access, Scheduling Issues
300251	Univent	Main / 2nd / 225	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, Scheduling Issues
300247	Radiator Trap	Main / 2nd / 226	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300223	Radiator Trap	Main / 2nd / Hallway	Outside Elevator, 0-5'	Barnes & Jones	122	Thermostatic Straight	3	1/2"	NPT	В	Repair Kit, No Issues
300235	Radiator Trap	Main / 2nd / Stage	Left Radiator, 0-5'	Warren Webster	513	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues
300238	Radiator Trap	Main / 2nd / Stairwell 2	Landing, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300199	Radiator Trap	Main / 2nd / Stairwell 3	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300200	Radiator Trap	Main / 2nd / Stairwell 3	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300204	Radiator Trap	Main / 2nd / Stairwell Behind Library	At Landing, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300262	Radiator Trap	Main / 3rd / 301	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300278	Radiator Trap	Main / 3rd / 312A	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, Scheduling Issues
300277	Radiator Trap	Main / 3rd / 312B	Below Window, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300284	Radiator Trap	Main / 3rd / 312C	Middle Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300285	Radiator Trap	Main / 3rd / 312C	Left Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
300288	Radiator Trap	Main / 3rd / 313	Middle Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300293	Radiator Trap	Main / 3rd / 322	Radiator Access Panels, 0-5'	N/A	NA	Thermostatic Angle	3	3/4"	NPT	Р	Full Trap, Difficult Access
300294	Radiator Trap	Main / 3rd / 322	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

	Table 2: Blowing, Leaking, and Plugged Traps													
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues			
300299	Radiator Trap	Main / 3rd / 326	Radiator, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues			
300300	Radiator Trap	Main / 3rd / 326	Closet, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues			
300276	Radiator Trap	Main / 3rd / Hallway	Outside Elevator, 0-5'	Barnes & Jones	122	Thermostatic Straight	3	1/2"	NPT	L	Repair Kit, No Issues			
300290	Radiator Trap	Main / 3rd / Stairwell 2	Landing, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues			
300268	Radiator Trap	Main / 3rd / Stairwell 3	Landing 300268, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues			
300315	Radiator Trap	Main / 4th / Stairwell 2	Right Radiator, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues			
269289	Drip Leg	Main / Basement / Boiler Rm C	Below Main Header Against Wall, 10-15'	Hoffman	FT56	Float & Thermostatic	3	1 1/4"	NPT	Р	Repair Kit, System Shutdown Required			
269285	Drip Leg	Main / Basement / Boiler Rm D	Front Of Boiler, 5-10'	Hoffman	FT55	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, No Issues			
269291	Univent	Main / Basement / Classroom B	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap. Inside Univent So Very Difficult Access.			
269299	Radiator Trap	Main / Basement / Stairwell By Exit 13	Platform Right Side, 0-5'	Warren Webster	512	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues			
269294	Drip Leg	Main / Basement / Storage Rm Next To Classroom A	Back Corner, 5-10'	Warren Webster	N/A	Float & Thermostatic	3	1 1/4"	NPT	L	Full Trap, No Issues			

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

#### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
298020	Univent	Main / 1st / 104	Center Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	200	190	ОК	No Trap Station Components.
298021	Radiator Trap	Main / 1st / 104	Right Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	220	200	OK	DDC Radiator Valve. No Trap Station Components.
298022	Radiator Trap	Main / 1st / 104	Left Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	225	207	OK	Thermostatic Radiator Valve. No Trap Station Components.
298018	Univent	Main / 1st / 105	Left Window, 0-5'	TS-A	Mepco	2E	3/4"	3	189	180	ОК	No Trap Station Components.
298019	Radiator Trap	Main / 1st / 105	Right Window, 0-5'	TS-A	Barnes & Jones	5007	3/4"	3	200	200	L	DDC Radiator Valve. No Trap Station Components.
298023	Radiator Trap	Main / 1st / 106	Left Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	200	180	ОК	DDC Radiator Valve. No Trap Station Components.
298024	Radiator Trap	Main / 1st / 106	Middle Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	200	187	ОК	DDC Radiator Valve. No Trap Station Components.
298025	Univent	Main / 1st / 106	Right Window, 0-5'	TS-A	Mepco	2E	3/4"	3	200	190	ОК	No Trap Station Components.
298016	Univent	Main / 1st / 107	Right Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	190	180	OK	No Trap Station Components.
298017	Radiator Trap	Main / 1st / 107	Next To Univent, 0-5'	TS-A	Barnes & Jones	5007	3/4"	3	187	180	ОК	DDC Radiator Valve. No Trap Station Components.
298026	Radiator Trap	Main / 1st / 108	Left Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	NA	NA	RIP	Thermostatic Radiator Valve. Valved Out, Disconnected From System.
298027	Univent	Main / 1st / 108	Middle Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	170	165	ОК	No Trap Station Components.
298028	Radiator Trap	Main / 1st / 108	Right Of Univent, 0-5'	TS-A	Мерсо	2E	3/4"	3	220	200	ОК	DDC Radiator Valve. No Trap Station Components.
298029	Radiator Trap	Main / 1st / 108	Right Most Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	190	180	ОК	DDC Radiator Valve. No Trap Station Components.
298031	Radiator Trap	Main / 1st / 108	Left Of Univent, 0-5'	TS-A	Мерсо	2E	3/4"	3	212	180	ОК	DDC Radiator Valve. No Trap Station Components.
298014	Univent	Main / 1st / 109	Left Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	180	177	ОК	No Trap Station Components.
298015	Radiator Trap	Main / 1st / 109	Right Corner, 0-5'	TS-A	Мерсо	2E	3/4"	3	200	200	L	DDC Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

Table 1	: All Steam	<b>Trap Survey</b>	Information

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem In		Result	Comments
298030	Radiator Trap	Main / 1st / 110	Left Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	212	200	OK	DDC Radiator Valve. No Trap Station Components.
298032	Univent	Main / 1st / 110	Univent, 0-5'	TS-A	Mepco	2E	3/4"	3	180	170	OK	No Trap Station Components.
298033	Radiator Trap	Main / 1st / 110	Right Corner, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	NA	NA	RIP	Thermostatic Radiator Valve. Valved Out, Disconnected From System.
298012	Univent	Main / 1st / 111	Right Window, 0-5'	TS-A	Mepco	2E	3/4"	3	220	190	OK	No Trap Station Components.
298013	Radiator Trap	Main / 1st / 111	Middle Window, 0-5'	TS-S	Barnes & Jones	5007	3/4"	3	220	212	В	DDC Radiator Valve. No Trap Station Components.
298010	Univent	Main / 1st / 113	Left Window, 0-5'	TS-A	Mepco	2E	3/4"	3	206	198	OK	No Trap Station Components.
298011	Radiator Trap	Main / 1st / 113	Right Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	70	70	NIS	DDC Radiator Valve. No Trap Station Components. Not Calling, No Power To Unit.
298054	Radiator Trap	Main / 1st / 119	Middle Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	103	102	Р	Pneumatic Radiator Valve. No Trap Station Components.
298056	Radiator Trap	Main / 1st / 123	Left Of Univent, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	218	213	L	DDC Radiator Valve. No Trap Station Components.
298057	Univent	Main / 1st / 123	Right Window, 0-5'	TS-A	Mepco	2E	3/4"	3	200	180	OK	No Trap Station Components.
298058	Univent	Main / 1st / 124	Left Window, 0-5'	TS-A	Mepco	2E	3/4"	3	207	190	OK	No Trap Station Components.
298059	Radiator Trap	Main / 1st / 124	Right Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	215	190	OK	DDC Radiator Valve. No Trap Station Components.
298060	Radiator Trap	Main / 1st / 125	Next To Univent, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	220	190	OK	DDC Radiator Valve. No Trap Station Components.
298061	Univent	Main / 1st / 125	Left Window, 0-5'	TS-A	Mepco	2E	3/4"	3	200	180	OK	No Trap Station Components.
298062	Univent	Main / 1st / 126	Right Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	180	167	ОК	No Trap Station Components.
298063	Radiator Trap	Main / 1st / 126	Next To Univent, 0-5'	TS-A	Hoffman	8C	3/4"	3	200	176	OK	DDC Radiator Valve. No Trap Station Components.
298064	Univent	Main / 1st / 127	Right Window, 0-5'	TS-A	Mepco	2E	3/4"	3	220	200	OK	No Trap Station Components.
298065	Radiator Trap	Main / 1st / 127	Next To Univent, 0-5'	TS-A	Мерсо	2E	3/4"	3	210	190	OK	DDC Radiator Valve. No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

Table 1:	All Steam	<b>Trap Survey</b>	<b>Information</b>

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	1	System PSI	Tem In		Result	Comments
298066	Univent	Main / 1st / 128	Left Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	210	187	OK	No Trap Station Components.
298067	Radiator Trap	Main / 1st / 128	Next To Univent, 0-5'	TS-A	Hoffman	8C	3/4"	3	210	190	OK	DDC Radiator Valve. No Trap Station Components.
298050	Univent	Main / 1st / 133	Left Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	187	170	OK	No Trap Station Components.
298051	Radiator Trap	Main / 1st / 133	Right Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	180	176	ОК	DDC Radiator Valve. No Trap Station Components.
298052	Radiator Trap	Main / 1st / 133	Right Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	180	177	ОК	DDC Radiator Valve. No Trap Station Components.
298047	Radiator Trap	Main / 1st / 134	Left Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	200	189	ОК	DDC Radiator Valve. No Trap Station Components.
298048	Radiator Trap	Main / 1st / 134	Left Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	190	178	ОК	DDC Radiator Valve. No Trap Station Components.
298049	Univent	Main / 1st / 134	Right Window, 0-5'	TS-A	Hoffman	8C	3/4"	3	180	170	OK	No Trap Station Components.
298044	Univent	Main / 1st / 137	Left Window, 0-5'	TS-A	Мерсо	2E	3/4"	3	170	166	OK	No Trap Station Components.
298045	Radiator Trap	Main / 1st / 137	Right Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	208	198	OK	DDC Radiator Valve. No Trap Station Components.
298046	Univent	Main / 1st / 137	Right Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	200	189	ОК	No Trap Station Components.
298040	Radiator Trap	Main / 1st / 138A/B	Left Corner, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	218	200	OK	DDC Radiator Valve. No Trap Station Components. DDC Valve Leaking From Valve Body
298041	Univent	Main / 1st / 138A/B	Left Univent, 0-5'	TS-A	Mepco	<b>2</b> E	3/4"	3	181	177	ОК	No Trap Station Components.
298042	Radiator Trap	Main / 1st / 138A/B	Between Univent, 0-5'	TS-A	Barnes & Jones	NA	3/4"	3	220	200	OK	DDC Radiator Valve. No Trap Station Components.
298043	Univent	Main / 1st / 138A/B	Right Univent, 0-5'	TS-A	Мерсо	2E	3/4"	3	170	167	OK	No Trap Station Components.
298037	Radiator Trap	Main / 1st / 139	Left Window, 0-5'	VIB	Barnes & Jones	5007	1/2"	3	198	188	OK	DDC Radiator Valve. No Trap Station Components.
298038	Radiator Trap	Main / 1st / 139	Left Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	178	170	OK	DDC Radiator Valve. No Trap Station Components.
298039	Univent	Main / 1st / 139	Right Window, 0-5'	TS-A	Hoffman	8C	3/4"	3	170	160	OK	No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem In		Result	Comments
298034	Univent	Main / 1st / 140	Left Window, 0-5'	TS-A	Mepco	2E	3/4"	3	180	176	ОК	No Trap Station Components.
298035	Radiator Trap	Main / 1st / 140	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	212	190	OK	DDC Radiator Valve. No Trap Station Components.
298036	Radiator Trap	Main / 1st / 140	Right Window, 0-5'	TS-A	Hoffman	17C	1/2"	3	180	170	ОК	DDC Radiator Valve. No Trap Station Components.
298001	Drip Leg	Main / 1st / Boiler	Boiler 1, Front, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	3	212	169	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
298002	Drip Leg	Main / 1st / Boiler	Boiler 1, Right Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	185	175	ОК	Inlet Isolation.
298003	Drip Leg	Main / 1st / Boiler	Boiler 2, Left Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	112	160	NIS	Inlet Isolation. Not Calling, Process Not Running.
298004	Drip Leg	Main / 1st / Boiler	Boiler 2, Front, 5-10'	FT	Armstrong	FT2015-6	1 1/2"	3	226	289	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
298005	Drip Leg	Main / 1st / Boiler	Boiler 2, Behind, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	180	OK	Inlet Isolation, Strainer, Blowdown, Check Valve.
298006	Drip Leg	Main / 1st / Boiler	Boiler 2, Behind, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	225	189	OK	Inlet Isolation, Strainer, Blowdown, Check Valve.
298007	Heat Exchanger	Main / 1st / Boiler	HEX Station, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	3	122	121	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
298008	Drip Leg	Main / 1st / Boiler	Domestic Water Heater, Behind, Left Trap, 0-5'	FT	Barnes & Jones	FT2015 <b>-</b> 4	1"	3	140	100	Р	Inlet Isolation, Strainer, Outlet Isolation.
298009	Drip Leg	Main / 1st / Boiler	Domestic Water Heater, Behind, Right Trap, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	225	196	OK	Inlet Isolation, Strainer, Outlet Isolation.
298055	Radiator Trap	Main / 1st / Boy's Bathroom Across 119	Back Wall, 0-5'	TS-A	Mepco	2E	3/4"	3	215	180	ОК	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
298074	Radiator Trap	Main / 1st / E.S.O.L.	Under Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	210	198	ОК	Thermostatic Radiator Valve. No Trap Station Components.
298075	Radiator Trap	Main / 1st / Entrance 1	Left Side Looking Out, 0-5'	TS-A	Barnes & Jones	3500	1/2"	3	190	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
298073	Radiator Trap	Main / 1st / Entrance 14	Vestibule, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	200	190	OK	Thermostatic Radiator Valve. No Trap Station Components.
298076	Radiator Trap	Main / 1st / Entrance 2	Right Side Looking Out, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	210	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
298077	Radiator Trap	Main / 1st / Entrance 2	Left Side Looking Out, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	76	78	Р	Pneumatic Radiator Valve. No Trap Station Components.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
298078	Radiator Trap	Main / 1st / Entrance 2	Next To Entrance Under Window, 0-5'	TS-A	Barnes & Jones	3148	1/2"	3	213	180	OK	Pneumatic Radiator Valve. No Trap Station Components.
298079	Drip Leg	Main / 1st / Entrance 2	Tunnel Entrance, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	200	180	OK	Inlet Isolation, Strainer, Blowdown.
298068	Radiator Trap	Main / 1st / Faculty Rm	Under Window, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	200	187	OK	DDC Radiator Valve. No Trap Station Components.
198071	AHU	Main / 1st / Faculty Rm Hallway	Above Ceiling, Across From Custodial Office, 5-10'	FT	Hoffman	FT015H	3/4"	3	70	70	NIS	Inlet Isolation, Strainer, Outlet Isolation. Not Calling.
298069	AHU	Main / 1st / Faculty Rm Hallway	Above Ceiling, In Front Of Storage Closet, 5-10'	FT	Watts	WFT-15	3/4"	3	168	155	OK	Inlet Isolation, Strainer, Outlet Isolation.
298070	Drip Leg	Main / 1st / Faculty Rm Hallway	Above Ceiling, In Front Of Storage Closet, 5-10'	FT	Hoffman	FT015H-4	1"	3	210	200	OK	Inlet Isolation, Strainer, Outlet Isolation.
298072	AHU	Main / 1st / Faculty Rm Hallway	Above Ceiling, Across Faculty Rm, 5-10'	FT	Hoffman	FT015H	3/4"	3	170	155	OK	Inlet Isolation, Strainer, Outlet Isolation.
298053	Radiator Trap	Main / 1st / Girls' Bathroom Across Rm 119	Back Wall, 0-5'	TS-A	Mepco	2E	3/4"	3	219	186	ОК	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
298081	Radiator Trap	Main / 1st / Hallway Wall	Next To Rm 115, 0-5'	TS-A	Barnes & Jones	5007	1/2"	3	190	170	OK	Pneumatic Radiator Valve. No Trap Station Components.
298082	Drip Leg	Main / Basement / Mech Rm	Entrance, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	220	200	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
298083	Drip Leg	Main / Basement / Mech Rm	Diagonal From Entrance, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	210	190	ОК	Inlet Isolation, Strainer, Outlet Isolation.
298084	Drip Leg	Main / Basement / Mech Rm	Behind Air Compressor, 5-10'	TS-A	Barnes & Jones	5007	3/4"	3	190	170	ОК	No Trap Station Components.
298085	Drip Leg	Main / Basement / Mech Rm	Behind Air Compressor, 5-10'	TS-A	Barnes & Jones	5007	3/4"	3	192	180	OK	No Trap Station Components.
298086	Drip Leg	Main / Basement / Mech Rm	Behind Air Compressor, 5-10'	TS-A	Barnes & Jones	5007	3/4"	3	90	90	NIS	No Trap Station Components. Not Running.
298087	Drip Leg	Main / Basement / Mech Rm	Behind Air Compressor, 5-10'	TS-A	Barnes & Jones	5007	3/4"	3	197	188	OK	No Trap Station Components.
298088	Drip Leg	Main / Basement / Mech Rm	Back Left Corner, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	220	190	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

**Table 1: All Steam Trap Survey Information** 

#### Table 2: Blowing, Leaking, and Plugged Traps

# Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
298019	Radiator Trap	Main / 1st / 105	Right Window, 0-5'	Barnes & Jones	5007	Thermostatic Angle	3	3/4"	NPT	L	Full Trap, Difficult Access, May Need Access Panel
298015	Radiator Trap	Main / 1st / 109	Right Corner, 0-5'	Mepco	2E	Thermostatic Angle	3	3/4"	NPT	L	Full Trap, No Issues
298013	Radiator Trap	Main / 1st / 111	Middle Window, 0-5'	Barnes & Jones	5007	Thermostatic Straight	3	3/4"	NPT	В	Full Trap, Difficult Access, May Need Access Panel
298054	Radiator Trap	Main / 1st / 119	Middle Window, 0-5'	Barnes & Jones	5007	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
298056	Radiator Trap	Main / 1st / 123	Left Of Univent, 0-5'	Barnes & Jones	5007	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Very Tight Space
298008	Drip Leg	Main / 1st / Boiler	Domestic Water Heater, Behind, Left Trap, 0-5'	Barnes & Jones	FT2015-4	Float & Thermostatic	3	1"	NPT	Р	Repair Kit, No Issues
298077	Radiator Trap	Main / 1st / Entrance 2	Left Side Looking Out, 0-5'	Barnes & Jones	5007	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

#### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model	Pipe Size	System PSI	Tem In	- · · · · · · · · · · · · · · · · · · ·	Result	Comments
298108	Radiator Trap	Main / 2nd / 104	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
298109	Radiator Trap	Main / 2nd / 104	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	217	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298110	Radiator Trap	Main / 2nd / 105	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298111	Radiator Trap	Main / 2nd / 105	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	225	218	В	Pneumatic Radiator Valve. No Trap Station Components.
298112	Radiator Trap	Main / 2nd / 105	Right Radiator, 0-5'	TS-A	Barnes & Jones	3174	1/2"	3	220	206	OK	Pneumatic Radiator Valve. No Trap Station Components.
298105	Radiator Trap	Main / 2nd / 106	Left Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	70	70	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling.
298106	Radiator Trap	Main / 2nd / 106	Middle Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	216	В	Pneumatic Radiator Valve. No Trap Station Components.
298107	Radiator Trap	Main / 2nd / 106	Right Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	215	L	Pneumatic Radiator Valve. No Trap Station Components.
298119	Radiator Trap	Main / 2nd / 107, Conference Rm	Middle Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	203	OK	Pneumatic Radiator Valve. No Trap Station Components.
298120	Radiator Trap	Main / 2nd / 107, Social Worker Office	Under Window, 0-5'	TS-S	Barnes & Jones	1950	1/2"	3	214	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
298104	Radiator Trap	Main / 2nd / 109	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	215	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298117	Radiator Trap	Main / 2nd / 114	Left Radiator, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	220	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298118	Radiator Trap	Main / 2nd / 114	Right Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	70	70	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Used, Disconnected From System.
298097	Radiator Trap	Main / 2nd / 118	Left Window, 0-5'	TS-A	Barnes & Jones	4172	1/2"	3	225	217	В	Thermostatic Radiator Valve. No Trap Station Components.
298098	Radiator Trap	Main / 2nd / 118	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	215	197	OK	Thermostatic Radiator Valve. No Trap Station Components.

### 2021 Steam Trap Efficiency Report

	Table 1:	All Steam	Trap S	Survey	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
298095	Radiator Trap	Main / 2nd / 119	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	200	190	OK	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
298096	Radiator Trap	Main / 2nd / 119	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	215	206	OK	Thermostatic Radiator Valve. No Trap Station Components.
298093	Radiator Trap	Main / 2nd / 120	Right Window, 0-5'	TS-A	Barnes & Jones	1972	1/2"	3	212	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
298094	Radiator Trap	Main / 2nd / 120	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	67	67	Р	Thermostatic Radiator Valve. No Trap Station Components.
298091	Radiator Trap	Main / 2nd / 121	Right Window, 0-5'	TS-A	Barnes & Jones	4172	1/2"	3	200	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
298092	Radiator Trap	Main / 2nd / 121	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	68	68	Р	Thermostatic Radiator Valve. No Trap Station Components.
293556	Radiator Trap	Main / 2nd / 122	Left Radiator, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	218	195	ОК	Thermostatic Radiator Valve. No Trap Station Components.
293557	Radiator Trap	Main / 2nd / 122	Middle Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	222	206	ОК	Thermostatic Radiator Valve. No Trap Station Components.
293558	Radiator Trap	Main / 2nd / 122	Right Radiator, 0-5'	TS-A	Barnes & Jones	4172	1/2"	3	215	197	ОК	Thermostatic Radiator Valve. No Trap Station Components.
298089	Radiator Trap	Main / 2nd / 123	Center Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	215	200	ОК	Thermostatic Radiator Valve. No Trap Station Components.
298090	Radiator Trap	Main / 2nd / 123	Right Window, 0-5'	TS-A	Barnes & Jones	4172	1/2"	3	70	70	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling. Thermostatic Valve Stuck Closed
298103	Radiator Trap	Main / 2nd / Boy's Bathroom Across From 108	Under Window, 0-5'	TS-A	Hoffman	17C	1/2"	3	215	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
298116	Radiator Trap	Main / 2nd / Girl's Bathroom Across From Rm 114	Under Window, 0-5'	TS-A	Mepco	17C	1/2"	3	219	192	OK	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
298099	Radiator Trap	Main / 2nd / Hallway	Next To Rm 122, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	220	200	OK	Manual Radiator Valve. No Trap Station Components.
298100	Radiator Trap	Main / 2nd / Main Entrance Vestibule	Left Radiator, Looking Out, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	220	214	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Broken Off

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

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### 2021 Steam Trap Efficiency Report

Table	1.	AII	Steam	Tran	Survey	Information
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			Table 1:	AII SI	eam Trap S	survey III	ormat	1011				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		ıp °F Out	Result	Comments
298101	Radiator Trap	Main / 2nd / Main Entrance Vestibule	Right Radiator, Looking Out, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	109	106	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Broken Off
298102	Radiator Trap	Main / 2nd / Main Office	Right Window, 0-5'	TS-S	Barnes & Jones	5007	1/2"	3	220	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298121	Radiator Trap	Main / 2nd / Nurse's Office	Under Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	224	113	L	Thermostatic Radiator Valve. No Trap Station Components.
298142	Radiator Trap	Main / 3rd / 202	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	200	197	ОК	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Leaking From Valve Body
298143	Radiator Trap	Main / 3rd / 202	Middle Radiator, 0-5'	TS-A	Barnes & Jones	4172	1/2"	3	218	214	L	Pneumatic Radiator Valve. No Trap Station Components.
298144	Radiator Trap	Main / 3rd / 202	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	225	204	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Leaking From Valve Body
298145	Radiator Trap	Main / 3rd / 204	Middle Window, Left Trap, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	219	213	L	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Leaking From Valve Body
298146	Radiator Trap	Main / 3rd / 204	Middle Window, Right Trap, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	223	205	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Leaking From Valve Body
298147	Radiator Trap	Main / 3rd / 205	Middle Window, Left Trap, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	222	204	OK	Thermostatic Radiator Valve. No Trap Station Components.
298148	Radiator Trap	Main / 3rd / 205	Middle Window, Right Trap, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	83	83	Р	Thermostatic Radiator Valve. No Trap Station Components.
298149	Radiator Trap	Main / 3rd / 206	Middle Window, Left Trap, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	220	206	OK	Pneumatic Radiator Valve. No Trap Station Components.
298150	Radiator Trap	Main / 3rd / 206	Middle Window, Right Trap, 0-5'	TS-A		17C	1/2"	3	222	214	L	Pneumatic Radiator Valve. No Trap Station Components.
298151	Radiator Trap	Main / 3rd / 207	Middle Window, Left Trap, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	220	203	OK	Thermostatic Radiator Valve. No Trap Station Components.
298152	Radiator Trap	Main / 3rd / 207	Middle Window, Right Trap, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	222	206	OK	Thermostatic Radiator Valve. No Trap Station Components.
298153	Radiator Trap	Main / 3rd / 209	Right Window, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	224	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
298154	Radiator Trap	Main / 3rd / 211	Left Window, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	217	196	OK	Pneumatic Radiator Valve. No Trap Station Components.

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### 2021 Steam Trap Efficiency Report

	Table 1:	All Steam	<b>Trap Survey</b>	y Information
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					eam Trap s	Survey III				0.15		
Tag #	Application	<b>Building / Floor / Room</b>	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p <sup>o</sup> F Out	Result	Comments
298124	Radiator Trap	Main / 3rd / 214	Left Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	220	198	ОК	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
298125	Radiator Trap	Main / 3rd / 214	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	76	76	Р	Thermostatic Radiator Valve. No Trap Station Components.
298126	Radiator Trap	Main / 3rd / 214	Right Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	76	Р	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Closed
298127	Radiator Trap	Main / 3rd / 215	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	210	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
298128	Radiator Trap	Main / 3rd / 215	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	218	196	OK	Pneumatic Radiator Valve. No Trap Station Components.
298129	Radiator Trap	Main / 3rd / 215	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	218	199	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Broken Off
298130	Radiator Trap	Main / 3rd / 216	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	220	203	OK	Pneumatic Radiator Valve. No Trap Station Components.
298131	Radiator Trap	Main / 3rd / 216	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	230	215	В	Pneumatic Radiator Valve. No Trap Station Components.
298132	Radiator Trap	Main / 3rd / 216	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	78	78	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling, No Power To Unit. Pneumatic Valve Stuck Closed
298133	Radiator Trap	Main / 3rd / 217	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	225	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298134	Radiator Trap	Main / 3rd / 217	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	225	204	OK	Pneumatic Radiator Valve. No Trap Station Components.
298135	Radiator Trap	Main / 3rd / 217	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	226	207	OK	Pneumatic Radiator Valve. No Trap Station Components.
298136	Radiator Trap	Main / 3rd / 218	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	223	205	OK	Pneumatic Radiator Valve. No Trap Station Components.
298137	Radiator Trap	Main / 3rd / 218	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	225	204	OK	Pneumatic Radiator Valve. No Trap Station Components.
298138	Radiator Trap	Main / 3rd / 218	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	220	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298139	Radiator Trap	Main / 3rd / 219	Left Window, 0-5'	TS-A	Barnes & Jones	1950	1/2"	3	226	204	OK	Pneumatic Radiator Valve. No Trap Station Components.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1	: All St	eam Trap S	Survey Inf	format	tion				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
298140	Radiator Trap	Main / 3rd / 219	Middle Window, 0-5'	TS-A	Barnes & Jones	1950	3/4"	3	225	206	OK	Pneumatic Radiator Valve. No Trap Station Components.
298141	Radiator Trap	Main / 3rd / 219	Right Window, 0-5'	TS-A	Barnes & Jones	3146	3/4"	3	75	75	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling, Not Used, Disconnected From System. Pneumatic Valve Stuck Closed
298123	Radiator Trap	Main / 3rd / Boy's Bathroom Across From Rm 208	Under Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	74	74	Р	Manual Radiator Valve. No Trap Station Components.
298122	Radiator Trap	Main / 3rd / Girl's Bathroom Across From Rm 212	Under Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	226	205	ОК	Manual Radiator Valve. No Trap Station Components.
298155	Radiator Trap	Main / 3rd / Teacher's Bathroom	Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	226	216	L	Manual Radiator Valve. No Trap Station Components. Manual Valve Radiator Valve Leaking By
293545	Drip Leg	Main / Ground / 19, Boy's Bathroom	Radiator, 0-5'	TS-A	Spirax Sarco	Н	1/2"	3	225	216	L	No Trap Station Components.
293546	Radiator Trap	Main / Ground / 19, Boy's Bathroom	Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	220	204	ОК	Thermostatic Radiator Valve. No Trap Station Components. Radiator Coil is Leaking Steam.
298114	Unit Heater	Main / Ground / 24	Left Corner, 5-10'	TS-A	Barnes & Jones	1966	3/4"	3	225	204	OK	Inlet Isolation.
298115	Unit Heater	Main / Ground / 24	Right Corner, 5-10'	TS-A	Barnes & Jones	1966	3/4"	3	225	205	OK	Inlet Isolation.
293547	Radiator Trap	Main / Ground / 28	Left Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	220	203	OK	Pneumatic Radiator Valve. No Trap Station Components.
293548	Radiator Trap	Main / Ground / 29	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	200	196	OK	Pneumatic Radiator Valve. No Trap Station Components.
293549	Radiator Trap	Main / Ground / 29	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	200	197	OK	Pneumatic Radiator Valve. No Trap Station Components.
293552	Radiator Trap	Main / Ground / 30	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	222	206	OK	Pneumatic Radiator Valve. No Trap Station Components.
293550	Radiator Trap	Main / Ground / 31	Right Window, Right Trap, 0-5'	TS-A	Barnes & Jones	122A	1/2"	3	220	215	L	Pneumatic Radiator Valve. No Trap Station Components.
293551	Radiator Trap	Main / Ground / 31	Right Window, Left Trap, 0-5'	TS-A	Barnes & Jones	122A	1/2"	3	216	200	OK	Pneumatic Radiator Valve. No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1.	And	cam ITap	Survey III	ormai	1011				
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
293553	Radiator Trap	Main / Ground / 33	Right Window, Left Trap, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	220	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
293554	Radiator Trap	Main / Ground / 33	Right Window, Right Trap, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	218	204	ОК	Pneumatic Radiator Valve. No Trap Station Components.
293555	Radiator Trap	Main / Ground / 34	Right Window, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	212	198	ОК	Pneumatic Radiator Valve. No Trap Station Components.
293536	Drip Leg	Main / Ground / Boiler Rm	Left HEX, 5-10'	FT	Barnes & Jones	FT2015-5	1 1/4"	3	220	204	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
293537	Heat Exchanger	Main / Ground / Boiler Rm	Left HEX, 0-5'	FT	Barnes & Jones	FT2015-8	2"	3	180	168	OK	Inlet Isolation, Strainer.
293538	Drip Leg	Main / Ground / Boiler Rm	Right HEX, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	220	200	OK	Inlet Isolation, Strainer, Outlet Isolation.
293539	Heat Exchanger	Main / Ground / Boiler Rm	Right HEX, 0-5'	FT	Barnes & Jones	T-44	1 1/2"	3	86	86	NIS	Inlet Isolation, Strainer, Outlet Isolation. Not Calling, Not Running.
293540	Drip Leg	Main / Ground / Boiler Rm	Between Boilers, Front, 5-10'	FT	Barnes & Jones	T-44	1 1/2"	3	220	200	OK	Inlet Isolation, Strainer, Outlet Isolation.
293541	Drip Leg	Main / Ground / Boiler Rm	Boiler 1, Right Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	225	207	OK	Inlet Isolation.
293542	Drip Leg	Main / Ground / Boiler Rm	Boiler 2, Left Side, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	99	117	NIS	Inlet Isolation. Not Calling, Not Running.
293543	Drip Leg	Main / Ground / Boiler Rm	Boiler 2, Right Side, 5-10'	FT	Barnes & Jones	T-44	1 1/2"	3	220	207	OK	Inlet Isolation, Strainer, Outlet Isolation.
293544	Drip Leg	Main / Ground / Boiler Rm	Boiler 2, Right Side, 10-15'	FT	Barnes & Jones	FT2015-4	1"	3	220	205	ОК	Inlet Isolation, Strainer, Outlet Isolation.
298113	Radiator Trap	Main / Ground / Girl's Bathroom Across Rm 22	Under Window, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	220	200	ОК	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Leaking From Valve Body

**Table 1: All Steam Trap Survey Information** 

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### Table 2: Blowing, Leaking, and Plugged Traps

# Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
298111	Radiator Trap	Main / 2nd / 105	Middle Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	B	Full Trap, No Issues
298106	Radiator Trap	Main / 2nd / 106	Middle Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, No Issues
298107	Radiator Trap	Main / 2nd / 106	Right Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
298097	Radiator Trap	Main / 2nd / 118	Left Window, 0-5'	Barnes & Jones	4172	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, No Issues
298094	Radiator Trap	Main / 2nd / 120	Middle Window, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
298092	Radiator Trap	Main / 2nd / 121	Middle Window, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
298100	Radiator Trap	Main / 2nd / Main Entrance Vestibule	Left Radiator, Looking Out, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
298101	Radiator Trap	Main / 2nd / Main Entrance Vestibule	Right Radiator, Looking Out, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
298121	Radiator Trap	Main / 2nd / Nurse's Office	Under Window, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, No Issues
298143	Radiator Trap	Main / 3rd / 202	Middle Radiator, 0-5'	Barnes & Jones	4172	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
298145	Radiator Trap	Main / 3rd / 204	Middle Window, Left Trap, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
298148	Radiator Trap	Main / 3rd / 205	Middle Window, Right Trap, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Full Trap, No Issues
298150	Radiator Trap	Main / 3rd / 206	Middle Window, Right Trap, 0-5'	Hoffman	17C	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
298125	Radiator Trap	Main / 3rd / 214	Middle Window, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
298126	Radiator Trap	Main / 3rd / 214	Right Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Full Trap, No Issues
298131	Radiator Trap	Main / 3rd / 216	Middle Window, 0-5'	Barnes & Jones	1950	Thermostatic Angle	3	1/2"	NPT	В	Full Trap, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Efficiency Report

			Table 2. Diowing, L	caning, and	i luggeu i	Taps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
298123	Radiator Trap	Main / 3rd / Boy's Bathroom Across From Rm 208	Under Window, 0-5'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	Р	Full Trap, No Issues
298155	Radiator Trap	Main / 3rd / Teacher's Bathroom	Radiator, 0-5'	Barnes & Jones	3146	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, No Issues
293545	Drip Leg	Main / Ground / 19, Boy's Bathroom	Radiator, 0-5'	Spirax Sarco	Н	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
293550	Radiator Trap	Main / Ground / 31	Right Window, Right Trap, 0-5'	Barnes & Jones	122A	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues

Table 2: Blowing, Leaking, and Plugged Traps

Result Key: B= Blowing L= Leaking P= Plugged Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

#### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

#### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	•	System PSI	Tem	p °F Out	Result	Comments
255920	Radiator Trap	Main / 1st / 101A	Radiator Under Window, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. No Access Panel In Cabinets.
255921	Radiator Trap	Main / 1st / 101A	Bathroom Off Principals Office, 0-5'	TS-A	Hoffman	17C	1/2"	3	215	190	OK	Pneumatic Radiator Valve. No Trap Station Components.
255919	Radiator Trap	Main / 1st / 101B	Below Window, 0-5'	TS-A	Hoffman	17C	1/2"	3	213	208	L	Pneumatic Radiator Valve. No Trap Station Components.
255918	Radiator Trap	Main / 1st / 101C	Left Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	209	L	Pneumatic Radiator Valve. No Trap Station Components.
255917	Radiator Trap	Main / 1st / 101D	Between Windows, 0-5'	TS-A	Hoffman	17C	1/2"	3	214	189	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255916	Radiator Trap	Main / 1st / 101E	Below Window, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	194	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255915	Radiator Trap	Main / 1st / 101F	Left Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
255914	Radiator Trap	Main / 1st / 101G	Below Window, 0-5'	TS-A	Barnes & Jones	2819	1/2"	3	214	176	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296970	Univent	Main / 1st / 102	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	NIS	No Trap Station Components. Valved Out.
296962	Univent	Main / 1st / 104	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	198	ОК	No Trap Station Components.
296963	Radiator Trap	Main / 1st / 104	Radiator In Between Univents, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	217	212	L	Pneumatic Radiator Valve. No Trap Station Components.
296964	Univent	Main / 1st / 104	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	190	ОК	Inlet Isolation, Outlet Isolation.
296934	Univent	Main / 1st / 105	Univent. Right, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	215	176	ОК	No Trap Station Components.
296935	Drip Leg	Main / 1st / 105	Above Ceiling Right Univent, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	215	199	OK	No Trap Station Components.
296937	Radiator Trap	Main / 1st / 105	Radiator. Left Corner. Last Cabinet Access, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	198	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296938	Radiator Trap	Main / 1st / 105	Radiator Third Cabinet Access From Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	217	212	L	Pneumatic Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Ste	am Trap Su	rvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
296936	Radiator Trap	Main / 1st / 105A	On Wall, 0-5'	TS-A	Barnes & Jones	2819	1/2"	3	217	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
296939	Radiator Trap	Main / 1st / 106	Radiator Left Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	200	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296940	Univent	Main / 1st / 106	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	184	ОК	No Trap Station Components.
296961	Radiator Trap	Main / 1st / 106	Small Rm Branched Off 106, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
255911	Radiator Trap	Main / 1st / 112	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	200	98	Р	Pneumatic Radiator Valve. No Trap Station Components.
255912	Univent	Main / 1st / 112	Right Side Univent, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	202	80	Р	No Trap Station Components.
255913	Drip Leg	Main / 1st / 112	Right Side Univent, Above Ceiling	FT	Barnes & Jones	FT2015-2	3/4"	3	213	188	ОК	Outlet Isolation.
254904	Radiator Trap	Main / 1st / 114	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	176	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255905	Drip Leg	Main / 1st / 114	Univent Right Side, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	215	186	ОК	No Trap Station Components.
255906	Univent	Main / 1st / 114	Right Side Univent, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	213	180	ОК	No Trap Station Components.
255910	Radiator Trap	Main / 1st / 115	Through Cupboard, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	210	188	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255799	Drip Leg	Main / 1st / 116	Right Side Univent, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	212	178	ОК	No Trap Station Components.
255800	Univent	Main / 1st / 116	Right Side Univent, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	213	192	ОК	No Trap Station Components.
255901	Radiator Trap	Main / 1st / 116	Right Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	189	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255907	Drip Leg	Main / 1st / 117	Right Side Univent, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	215	189	ОК	Outlet Isolation.
255908	Univent	Main / 1st / 117	Univent Left Side, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	212	192	ОК	No Trap Station Components.
255909	Radiator Trap	Main / 1st / 117	2nd Window From Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	211	195	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255902	Radiator Trap	Main / 1st / 119	Through Cupboard, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	188	OK	Pneumatic Radiator Valve. No Trap Station Components.

### 2021 Steam Trap Efficiency Report

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	1	p °F Out	Result	Comments
255903	Univent	Main / 1st / 119	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	179	OK	Outlet Isolation.
255797	Univent	Main / 1st / 121	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	208	L	Outlet Isolation. Steam Trap Mountee Incorrectly.
255798	Radiator Trap	Main / 1st / 121	Panel Left Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	181	OK	Pneumatic Radiator Valve. No Trap Station Components.
255796	Radiator Trap	Main / 1st / 123	Below Ac, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	81	81	Р	Pneumatic Radiator Valve. No Trap Station Components.
255794	Univent	Main / 1st / 125	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	184	OK	Outlet Isolation.
255795	Radiator Trap	Main / 1st / 125	Panel Next To Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
255775	Univent	Main / 1st / 126	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	190	ОК	No Trap Station Components.
255776	Radiator Trap	Main / 1st / 126	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	207	L	Pneumatic Radiator Valve. No Trap Station Components.
255777	Univent	Main / 1st / 126	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	Р	Outlet Isolation.
255778	Radiator Trap	Main / 1st / 126	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	210	165	OK	Pneumatic Radiator Valve. No Trap Station Components.
255768	Radiator Trap	Main / 1st / 128	Radiator Left Corner Of Rm, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	180	OK	Pneumatic Radiator Valve. No Trap Station Components.
255769	Univent	Main / 1st / 128	Left Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	191	OK	No Trap Station Components.
255770	Radiator Trap	Main / 1st / 128	Left Of Right Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	197	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255771	Univent	Main / 1st / 128	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	212	L	No Trap Station Components.
255772	Radiator Trap	Main / 1st / 128	Right Of Right Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	188	OK	Pneumatic Radiator Valve. No Trap Station Components.
255773	Radiator Trap	Main / 1st / 128 Side Rm	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
255766	Univent	Main / 1st / 130	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	187	OK	No Trap Station Components.
255767	Radiator Trap	Main / 1st / 130	Radiator Right Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	200	120	Р	Manual Radiator Valve. No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

Jones

Trap

0-5'

Station Components.

# 2021 Steam Trap Efficiency Report

			I able 1: A	All Stea	am Trap Su	irvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
255763	Univent	Main / 1st / 137	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	191	ОК	Outlet Isolation.
255764	Radiator Trap	Main / 1st / 137	Panel Next To Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	210	184	OK	Pneumatic Radiator Valve. No Trap Station Components.
255760	Univent	Main / 1st / 139	Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	198	ОК	No Trap Station Components.
255761	Radiator Trap	Main / 1st / 139	Radiator Left Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	187	OK	Pneumatic Radiator Valve. No Trap Station Components.
255758	Univent	Main / 1st / 141	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	203	ОК	Outlet Isolation.
255759	Radiator Trap	Main / 1st / 141	Panel Next To Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	82	82	Р	Pneumatic Radiator Valve. No Trap Station Components.
255755	Univent	Main / 1st / 143	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	NIS	Outlet Isolation. Valved Out.
255756	Radiator Trap	Main / 1st / 143	Left Of Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	200	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255754	Radiator Trap	Main / 1st / 145	Back Wall, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	214	188	OK	Pneumatic Radiator Valve. No Trap Station Components.
29700	Radiator Trap	Main / 1st / 147	Left Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	218	200	OK	Thermostatic Radiator Valve. No Trap Station Components.
298158	Radiator Trap	Main / 1st / 147	Right Radiator, 0-5'	TS-A	Barnes & Jones	1998	1/2"	3	220	200	ОК	Thermostatic Radiator Valve. No Trap Station Components.
296998	Radiator Trap	Main / 1st / 149	Right Radiator, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	218	196	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296999	Radiator Trap	Main / 1st / 149	Right Radiator, 0-5'	TS-A	Barnes & Jones	NA	1/2"	3	217	198	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296993	Radiator Trap	Main / 1st / 151	Back Of Space, 5-10'	TS-A	Barnes & Jones	1721	3/4"	3	218	213	L	Pneumatic Radiator Valve. No Trap Station Components.
296973	Univent	Main / 1st / 152	Beck Of Space, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	210	192	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296974	Radiator Trap	Main / 1st / 152	Back Wall, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	220	215	L	DDC Radiator Valve. Inlet Isolation. DDC Valve Broken Off
298975	Drip Leg	Main / 1st / 152	Back Wall Above Lockers, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	219	206	ОК	No Trap Station Components.
296976	Univent	Main / 1st / 152B	Back Of Space, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	205	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

**Table 1: All Steam Trap Survey Information** 

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information		Table 1:	All	Steam	Trap	Survey	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem In		Result	Comments
296977	Radiator Trap	Main / 1st / 152B	Back Wall, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	213	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
296978	Univent	Main / 1st / 153A	Back Of Space, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	70	70	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Not Calling, No Power To Unit.
296980	Radiator Trap	Main / 1st / 153A	Bathroom, Left Side Of Radiator, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	218	215	L	DDC Radiator Valve. No Trap Station Components. DDC Valve Broken Off
296992	Drip Leg	Main / 1st / 153A	Bathroom, Right Side Of Radiator, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	222	214	L	No Trap Station Components.
297979	Radiator Trap	Main / 1st / 153A	Back Wall, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	217	207	ОК	DDC Radiator Valve. No Trap Station Components.
296994	Radiator Trap	Main / 1st / 153C	Back Wall, Left Side Of Radiator, 0-5'	TS-S	Barnes & Jones	5007	3/4"	3	212	195	OK	DDC Radiator Valve. No Trap Station Components. DDC Valve Broken Off
296995	Drip Leg	Main / 1st / 153C	Back Wall, Right Side Of Radiator, 0-5'	TS-S	Barnes & Jones	5007	3/4"	3	222	217	L	No Trap Station Components.
296996	Drip Leg	Main / 1st / 153C	Bathroom, Left Side Of Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	170	150	Р	No Trap Station Components.
296997	Radiator Trap	Main / 1st / 153C	Bathroom, Right Side Of Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	210	197	OK	DDC Radiator Valve. No Trap Station Components. DDC Valve Broken Off
296968	Radiator Trap	Main / 1st / 155A	Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	210	197	OK	Pneumatic Radiator Valve. No Trap Station Components.
296967	Radiator Trap	Main / 1st / 155B	Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	193	180	OK	Pneumatic Radiator Valve. No Trap Station Components.
296984	Radiator Trap	Main / 1st / 157	157E Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	205	OK	Pneumatic Radiator Valve. No Trap Station Components.
296985	Radiator Trap	Main / 1st / 157	157C Left Side, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	206	OK	Pneumatic Radiator Valve. No Trap Station Components.
296986	Radiator Trap	Main / 1st / 157	157C, Middle Of Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	197	OK	Pneumatic Radiator Valve. No Trap Station Components.
296987	Univent	Main / 1st / 157	Hallway Above Second Light Fixture, 5-10'	FT	Spirax Sarco	FT-14	3/4"	3	70	70	NIS	Inlet Isolation. Valved Out, Bad Heating Coil.
296988	Drip Leg	Main / 1st / 157	157B, Right Corner Second Tile From Window, 5-10'	FT	Spirax Sarco	FT-14	3/4"	3	220	200	OK	No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	am rrap su	rvey Informa	lion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296989	Univent	Main / 1st / 157	157B, Far Side Of Univent About Ceiling, 5-10'	FT	Spirax Sarco	FT-14	3/4"	3	208	190	ОК	Outlet Isolation.
255924	Univent	Main / 1st / 159 Nurses Office	Left Side Univent, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	214	198	OK	No Trap Station Components.
255925	Drip Leg	Main / 1st / 159 Nurses Office	Left Side Univent, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	213	190	OK	No Trap Station Components.
255926	Radiator Trap	Main / 1st / 159 Nurses Office	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	212	175	OK	Pneumatic Radiator Valve. No Trap Station Components.
255927	Radiator Trap	Main / 1st / 159B Nurses Office	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
300622	Radiator Trap	Main / 1st / Auditorium	Last Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Manual Radiator Valve. No Trap Station Components. Carpenter Required.
300623	Radiator Trap	Main / 1st / Auditorium	6th Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Required.
300624	Radiator Trap	Main / 1st / Auditorium	5th Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Required.
300625	Radiator Trap	Main / 1st / Auditorium	4th Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Required.
300626	Radiator Trap	Main / 1st / Auditorium	3rd From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Required.
300627	Radiator Trap	Main / 1st / Auditorium	2nd Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Requires.
300628	Radiator Trap	Main / 1st / Auditorium	1st Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Carpenter Required.
255793	Radiator Trap	Main / 1st / Boys Bathroom Across From Cafeteria	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	78	78	Р	Pneumatic Radiator Valve. No Trap Station Components.
255967	Drip Leg	Main / 1st / Boys Bathroom Gym	Left Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	213	209	L	No Trap Station Components.

 Table 1: All Steam Trap Survey Information

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	Table 1: A	ll Steam Trap	Survey 3	Information
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			Table 1. A	All Stea	am trap su	rvey informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
255968	Radiator Trap	Main / 1st / Boys Bathroom Gym	Left Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215		B	Pneumatic Radiator Valve. No Trap Station Components.
296691	Radiator Trap	Main / 1st / Boys Bathroom Next To Stairwell 2	Under Window, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	70	70	NIS	DDC Radiator Valve. No Trap Station Components. Not Calling, Not Used, No Power To Unit.
255779	Radiator Trap	Main / 1st / Cafeteria	Dining Rm North Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	180	OK	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Broken Off
255780	Radiator Trap	Main / 1st / Cafeteria	Dining Rm West Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	212	187	OK	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Broken Off
255781	Radiator Trap	Main / 1st / Cafeteria	1st On West Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	180	OK	DDC Radiator Valve. No Trap Station Components.
255782	Radiator Trap	Main / 1st / Cafeteria	2nd On West Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	187	Р	DDC Radiator Valve. No Trap Station Components.
255783	Univent	Main / 1st / Cafeteria	Univent Right Side, 0-5'	TS-A	Spirax Sarco	125	3/4"	3	213	198	OK	No Trap Station Components.
255784	Radiator Trap	Main / 1st / Cafeteria	South Wall Radiator On West End, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	178	OK	DDC Radiator Valve. No Trap Station Components.
255785	Radiator Trap	Main / 1st / Cafeteria	South Wall Middle Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	212	198	OK	DDC Radiator Valve. No Trap Station Components.
255786	Radiator Trap	Main / 1st / Cafeteria	South Wall East Most Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	212	L	DDC Radiator Valve. No Trap Station Components.
255787	Univent	Main / 1st / Cafeteria	South Wall Univent, 0-5'	TS-A	Spirax Sarco	125	3/4"	3	214	179	OK	No Trap Station Components.
255788	Drip Leg	Main / 1st / Cafeteria/Kitchen	West Side Under Skylight, 10-15'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	No Trap Station Components. Valved Out.
255789n	Radiator Trap	Main / 1st / Cafeteria/Kitchen	Radiator Behind Sink, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
255790	Drip Leg	Main / 1st / Cafeteria/Kitchen	Below Right Skylight, 10-15'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	No Trap Station Components. Valved Out.
255791	Drip Leg	Main / 1st / Cafeteria/Kitchen	Drip In Corner Next To Row Of Three Sinks, 10-15'	TS-A	Barnes & Jones	1929	3/4"	3	214	190	OK	No Trap Station Components.
300613	Drip Leg	Main / 1st / Crawlspace Below 100D	Below Entry, 0-5'	FT	Barnes & Jones	FT2015-5	1 1/4"	3	215	207	L	No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1:	All Ste	am Trap Su	irvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model	Pipe Size	System PSI		p °F Out	Result	Comments
255922	Radiator Trap	Main / 1st / Entrance Corridor	Outside Auditorium Right Side, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	212	L	Pneumatic Radiator Valve. No Trap Station Components.
255923	Radiator Trap	Main / 1st / Entrance Corridor	Before Auditorium Entrance Left Side, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
298159	Radiator Trap	Main / 1st / Girls Bathroom Across From 162	Under Window, 0-5'	TS-A	Spirax Sarco	RTA125	3/4"	3	70	70	NIS	DDC Radiator Valve. No Trap Station Components. Not Calling.
255957	Drip Leg	Main / 1st / Girls Bathroom Gyms	Right Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	207	L	No Trap Station Components.
255958	Radiator Trap	Main / 1st / Girls Bathroom Gyms	Right Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
296932	Radiator Trap	Main / 1st / Girls Restroom Across From 107	On Wall, 0-5'	TS-A	Spirax Sarco	A125	3/4"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out.
255959	Radiator Trap	Main / 1st / Gym Entrance	Left Radiator, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	2	213	206	L	Pneumatic Radiator Valve. No Trap Station Components.
255960	Drip Leg	Main / 1st / Gym Entrance	Left Radiator, 0-5'	TS-S	Barnes & Jones	3146	3/4"	2	213	208	L	No Trap Station Components.
255961	Radiator Trap	Main / 1st / Gym Entrance	Right Radiator, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	2	213		OK	Pneumatic Radiator Valve. No Trap Station Components.
255962	Drip Leg	Main / 1st / Gym Entrance	Right Radiator, 0-5'	TS-S	Barnes & Jones	3146	3/4"	2	213	210	В	No Trap Station Components.
255963	Drip Leg	Main / 1st / Gym Entrance	Above Right Radiator, 5-10'	FT	Barnes & Jones	FT2015 <b>-</b> 4	1"	2	213	180	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
255954	Drip Leg	Main / 1st / Gym Stairwell	In Front Of Women's Bathroom, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	167	OK	No Trap Station Components.
255955	Radiator Trap	Main / 1st / Gym Stairwell	In Front Of Women's Bathroom, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	Р	Pneumatic Radiator Valve. No Trap Station Components.
255956	Drip Leg	Main / 1st / Gym Stairwell	In Front Of Women's Bathroom, 5-10'	FT	Barnes & Jones	FT-2015	3/4"	2	213	187	OK	No Trap Station Components.
255964	Drip Leg	Main / 1st / Gym Stairwell	Outside Bathroom, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	216	208	L	No Trap Station Components.
255965	Radiator	Main / 1st /	Outside Bathroom, 0-5'	TS-A	Barnes &	1721	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap

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Jones

Barnes &

Jones

3/4"

3

FT2015-3

216 207

L

FT

Outside Bathroom, 5-10'

6

Gym Stairwell

Main / 1st /

Gym Stairwell

255966

Trap

Drip Leg

Station Components.

No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	am Trap Su	rvey Informa	lion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296933	Radiator Trap	Main / 1st / Hallway	Outside Rm 105, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
296965	Radiator Trap	Main / 1st / Hallway	Across From 113, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
296966	Radiator Trap	Main / 1st / Hallway	Across From Rm 119, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
296969	Radiator Trap	Main / 1st / Hallway	Across From 104, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	193	OK	Pneumatic Radiator Valve. No Trap Station Components.
255762	Radiator Trap	Main / 1st / Hallway	Outside 137, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	83	82	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling, No Power To Unit.
255774	Radiator Trap	Main / 1st / Hallway	Outside Cafeteria, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	77	77	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling, Pulled Air Off Valve Doesn't Operate. Pneumatic Valve Stuck Closed
298160	Radiator Trap	Main / 1st / Hallway Across From Rm 147	Back Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	60	70	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling.
296982	Radiator Trap	Main / 1st / Main Entrance Vestibule	Left Radiator While Looking Out, 5-10'	TS-A	Barnes & Jones	NA	3/4"	3	220	216	В	Pneumatic Radiator Valve. No Trap Station Components.
296983	Radiator Trap	Main / 1st / Main Entrance Vestibule	Right Radiator While Looking Out, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	200	OK	Pneumatic Radiator Valve. No Trap Station Components.
296930	Univent	Main / 1st / Rm 107	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	219	180	OK	No Trap Station Components.
296931	Radiator Trap	Main / 1st / Rm 107	Radiator Left Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
296927	Unit Heater	Main / 1st / Rm 109	Above Ceiling Right Of Univent, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	212	190	OK	No Trap Station Components.
296928	Drip Leg	Main / 1st / Rm 109	Univent Left Side, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	212	189	ОК	No Trap Station Components.
296929	Radiator Trap	Main / 1st / Rm 109	Radiator Back Right Corner Through Second To Last Cabinet, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	167	OK	Pneumatic Radiator Valve. No Trap Station Components.
296926	Radiator Trap	Main / 1st / Rm 113	On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
296914	Radiator Trap	Main / 1st / South Gym	East Side 1st, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	188	OK	Pneumatic Radiator Valve. No Trap Station Components.

 Table 1: All Steam Trap Survey Information

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	am Trap Su	rvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296915	Radiator Trap	Main / 1st / South Gym	East Side 2nd, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	216	L	Pneumatic Radiator Valve. No Trap Station Components.
296916	Radiator Trap	Main / 1st / South Gym	East Side 3rd, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	200	80	Р	Pneumatic Radiator Valve. No Trap Station Components.
296917	Radiator Trap	Main / 1st / South Gym	East Side 4th, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out.
296918	Radiator Trap	Main / 1st / South Gym	East Side 5th, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	177	OK	Pneumatic Radiator Valve. No Trap Station Components.
296919	Radiator Trap	Main / 1st / South Gym	East Side 6th (On End), 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out.
296920	Radiator Trap	Main / 1st / South Gym	West Side 1st, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
296921	Radiator Trap	Main / 1st / South Gym	West Side 2nd, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	213	L	Pneumatic Radiator Valve. No Trap Station Components.
296922	Radiator Trap	Main / 1st / South Gym	West Side 3rd, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
296923	Radiator Trap	Main / 1st / South Gym	West Side 4th, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	194	OK	Pneumatic Radiator Valve. No Trap Station Components.
296924	Radiator Trap	Main / 1st / South Gym	West Side 5th, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	218	193	OK	Pneumatic Radiator Valve. No Trap Station Components.
296925	Radiator Trap	Main / 1st / South Gym	West Side 6th (On End), 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	193	OK	Pneumatic Radiator Valve. No Trap Station Components.
296990	Univent	Main / 1st / Stairwell 2	Exit Doors, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	206	ОК	No Trap Station Components.
255757	Univent	Main / 1st / Stairwell 3	Vestibule, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	208	L	No Trap Station Components.
255765	Univent	Main / 1st / Stairwell 4	Vestibule, 5-10'	TS-S	Barnes & Jones	5000	3/4"	3	211	185	ОК	No Trap Station Components.
255792	Univent	Main / 1st / Stairwell 5	Vestibule, 0-5'	TS-S	Barnes & Jones	5000	3/4"	3	213	211	В	No Trap Station Components.
296971	Radiator Trap	Main / 1st / Stairwell Next To 102	Bottom Platform, 0-5'	FT	Barnes & Jones	FTI2015-3	3/4"	3	216	212	L	Pneumatic Radiator Valve. No Trap Station Components.
296972	Radiator Trap	Main / 1st / Stairwell Next To 102	Platform Leading Up To 2nd Floor, Above 15'	TS-A	Barnes & Jones	5000	1/2"	3	216	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
296913	Univent	Main / 1 <sup>st</sup> / Basement Stairwell / Exit 3	Platform Before Entrance, 5-10'	TS-S	Barnes & Jones	5007	3/4"	3	215	177	OK	No Trap Station Components.

Table 1. All GALLER Trees Gaussian Table 1.

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Stairwell / Exit 3

# 2021 Steam Trap Efficiency Report

			Table 1:	All Ste	am Trap Su	rvey Informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
300047	Univent	Main / 2nd / 201	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	78	78	Р	Outlet Isolation. Steam Trap Mounted Incorrectly.
300048	Radiator Trap	Main / 2nd / 201	Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300044	Radiator Trap	Main / 2nd / 202	Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	211	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300045	Univent	Main / 2nd / 202	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	76	76	Р	Outlet Isolation.
300042	Univent	Main / 2nd / 203	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	199	OK	Outlet Isolation.
300043	Radiator Trap	Main / 2nd / 203	Radiator, 0-5'	TS-A	Armstrong	15	1/2"	3	213	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
300040	Radiator Trap	Main / 2nd / 204	Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	213	179	OK	Pneumatic Radiator Valve. No Trap Station Components.
300041	Univent	Main / 2nd / 204	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	77	77	Р	Outlet Isolation.
300035	Univent	Main / 2nd / 205	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	179	OK	Outlet Isolation.
300036	Radiator Trap	Main / 2nd / 205	Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	85	85	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling.
300037	Drip Leg	Main / 2nd / 206	Between 2nd And 3rd Lights From Door, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	76	76	NIS	No Trap Station Components. Valved Out.
300038	Air Handling Unit	Main / 2nd / 206	Between 2nd And 3rd Lights From Door, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	76	76	NIS	No Trap Station Components. Valved Out.
300039	Radiator Trap	Main / 2nd / 206	Radiator, 0-5'	TS-A	Armstrong	NA	1/2"	3	214	183	OK	Pneumatic Radiator Valve. No Trap Station Components.
300032	Univent	Main / 2nd / 207	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	187	OK	Outlet Isolation.
300033	Radiator Trap	Main / 2nd / 207	Radiator, 0-5'	TS-S	Barnes & Jones	4285	3/4"	3	213	206	L	Pneumatic Radiator Valve. No Trap Station Components.
300029	Univent	Main / 2nd / 209	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	194	ОК	Outlet Isolation.
300030	Radiator Trap	Main / 2nd / 209	Radiator, 0-5'	TS-A	Barnes & Jones	4285	3/4"	3	214	208	L	Pneumatic Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	5	Fable 1:	<b>All Steam</b>	ı Trap S	Survey	Information
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					am Trap Su	rvey Informa					1	
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300027	Air Handling Unit	Main / 2nd / 211	HV-1, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	76	76	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
300028	Drip Leg	Main / 2nd / 211	AHU, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	215	184	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
300021	Radiator Trap	Main / 2nd / 212	Left Radiator, 0-5'	TS- LH	Barnes & Jones	1721	1/2"	3	215	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300022	Univent	Main / 2nd / 212	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	191	ОК	No Trap Station Components.
300024	Radiator Trap	Main / 2nd / 213	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	200	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300025	Univent	Main / 2nd / 213	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	201	ОК	Outlet Isolation.
300026	Radiator Trap	Main / 2nd / 213	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	202	ОК	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Radiator Valve Leaking By
300019	Univent	Main / 2nd / 214	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	195	ОК	No Trap Station Components.
300020	Radiator Trap	Main / 2nd / 214	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300017	Univent	Main / 2nd / 215	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	198	ОК	Outlet Isolation.
300018	Radiator Trap	Main / 2nd / 215	Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	213	196	OK	Pneumatic Radiator Valve. No Trap Station Components.
300014	Univent	Main / 2nd / 216	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	200	ОК	Outlet Isolation.
300015	Radiator Trap	Main / 2nd / 216	Right Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300011	Univent	Main / 2nd / 217	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	167	ОК	Outlet Isolation.
300012	Radiator Trap	Main / 2nd / 217	Right Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	214	208	L	Pneumatic Radiator Valve. No Trap Station Components.
300013	Radiator Trap	Main / 2nd / 217	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300010	Radiator Trap	Main / 2nd / 223	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	173	OK	Pneumatic Radiator Valve. No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

			Table 1: A	All Ste	am Trap Su	rvey Informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
300008	Univent	Main / 2nd / 225	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	85	84	Р	Outlet Isolation.
300009	Radiator Trap	Main / 2nd / 225	Below Left Window, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	79	79	Р	Pneumatic Radiator Valve. No Trap Station Components.
255997	Univent	Main / 2nd / 226	Left Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	207	L	No Trap Station Components.
255998	Radiator Trap	Main / 2nd / 226	Left Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	211	176	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255999	Univent	Main / 2nd / 226	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	77	78	NIS	Outlet Isolation. Not Calling.
256000	Radiator Trap	Main / 2nd / 226	Right Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	210	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300004	Radiator Trap	Main / 2nd / 227	Right Side Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	212	В	Pneumatic Radiator Valve. No Trap Station Components.
300005	Drip Leg	Main / 2nd / 227	Right Side Univent, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	2	215	212	В	Outlet Isolation.
300006	Univent	Main / 2nd / 227	Univent, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	75	76	Р	No Trap Station Components.
300001	Drip Leg	Main / 2nd / 229	Next To Projector, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	78	78	Р	No Trap Station Components.
300002	Univent	Main / 2nd / 229	Inside Univent, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	76	76	Р	No Trap Station Components.
300003	Radiator Trap	Main / 2nd / 229	Below Window, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	213	191	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255987	Univent	Main / 2nd / 230	Right Side Of Left Univent, 0-5'	TS-S	Barnes & Jones	4285	3/4"	2	212	185	ОК	No Trap Station Components.
255988	Radiator Trap	Main / 2nd / 230	Left Side Of Radiator, In Access Panel, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	210	L	Pneumatic Radiator Valve. No Trap Station Components.
255989	Univent	Main / 2nd / 230	Right Side Of Right Univent, 0-5'	TS-S	Barnes & Jones	4285	3/4"	2	212	210	L	No Trap Station Components.
255990	Radiator Trap	Main / 2nd / 230A	Left Side Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	176	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255994	Univent	Main / 2nd / 231	Left Side Univent, 0-5'	FT	Barnes & Jones	FT2015	3/4"	2	212	183	OK	Outlet Isolation.
255995	Radiator Trap	Main / 2nd / 231	Right Side Of Radiator, In Access Panel, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	183	OK	Pneumatic Radiator Valve. No Trap Station Components.

### 2021 Steam Trap Efficiency Report

			Table 1: A	All Ste	am Trap Su	rvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	1	ıp °F Out	Result	Comments
255993	Radiator Trap	Main / 2nd / 233	Right Side Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
255985	Univent	Main / 2nd / 237	Right Side Univent, 0-5'	FT	Hoffman	FT015H	3/4"	2	80	80	NIS	No Trap Station Components. Not Calling.
255986	Radiator Trap	Main / 2nd / 237	Right Side Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. In Radiator Cabinet With No Access Panel.
255982	Univent	Main / 2nd / 239	Right Side Univent, 0-5'	FT	Hoffman	FT015H	3/4"	2	216	187	ОК	Outlet Isolation.
255983	Radiator Trap	Main / 2nd / 239	Right Side Of Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	177	OK	Pneumatic Radiator Valve. No Trap Station Components.
255980	Univent	Main / 2nd / 241	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	179	ОК	Outlet Isolation.
255981	Radiator Trap	Main / 2nd / 241	Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	214	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
155978	Univent	Main / 2nd / 243	Univent Right Side, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	199	ок	Outlet Isolation. Steam Trap Not Level.
255979	Radiator Trap	Main / 2nd / 243	Right Panel, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	208	L	Pneumatic Radiator Valve. No Trap Station Components.
255977	Radiator Trap	Main / 2nd / 245	Right Corner, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
255972	Drip Leg	Main / 2nd / 247	In Front Of Door, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	215	194	ОК	No Trap Station Components.
255973	Univent	Main / 2nd / 247	In Front Of Door, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	210	188	OK	No Trap Station Components.
255974	Radiator Trap	Main / 2nd / 247	Left Corner, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	210	176	ОК	Pneumatic Radiator Valve. No Trap Station Components.
255928	Drip Leg	Main / 2nd / 249	HV-3, 0-5'	FT	Barnes & Jones	FT6	1"	3	215	208	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
255929	Air Handling Unit	Main / 2nd / 249	HV-3, 0-5'	FT	Barnes & Jones	FT6	1"	3	210	191	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
255930	Air Handling Unit	Main / 2nd / 253	Backside HV-2, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	213	171	ОК	Inlet Isolation, Outlet Isolation.
300065	Drip Leg	Main / 2nd / 255	Left Of Univent, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	215	173	OK	No Trap Station Components.

 Table 1: All Steam Trap Survey Information

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

Sarco

Above Ceiling

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# 2021 Steam Trap Efficiency Report

Table 1.	All Steam	Tran	Survey	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
300066	Univent	Main / 2nd / 255	In Front Of Door, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	214	184	OK	No Trap Station Components.
300067	Radiator Trap	Main / 2nd / 255	Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	184	OK	Pneumatic Radiator Valve. No Trap Station Components.
300061	Radiator Trap	Main / 2nd / 259	Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Buried Behind Paperwork And Removal Of Panels. Pneumatic Valve Stuck Closed
300053	Air Handling Unit	Main / 2nd / 260	Left AHU, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	76	76	NIS	Outlet Isolation. Valved Out, Not Calling.
300054	Air Handling Unit	Main / 2nd / 260	Right AHU, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	74	74	NIS	Outlet Isolation. Valved Out, Not Calling.
300051	Air Handling Unit	Main / 2nd / 264	Left AHU, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	192	174	OK	Outlet Isolation.
300052	Air Handling Unit	Main / 2nd / 264	Right AHU, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	199	173	OK	Outlet Isolation.
300049	Radiator Trap	Main / 2nd / 265	Right Radiator, 0-5'	TS-A	Spirax Sarco	T25	1/2"	3	214	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300050	Radiator Trap	Main / 2nd / 265	Left Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	78	78	Р	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Closed
300007	Radiator Trap	Main / 2nd / Boys Bathroom, West Hallway	Left Of Sinks, 0-5'	TS-A	Spirax Sarco	RTA125	1/2"	2	NA	NA	NA	No Radiator Valve. No Trap Station Components. Cannot Remove Cover.
300031	Radiator Trap	Main / 2nd / Girls Bathroom Across From 207	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	213	179	OK	Pneumatic Radiator Valve. No Trap Station Components.
255976	Radiator Trap	Main / 2nd / Girls Bathroom Next To 247	Below Window, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	214	177	OK	DDC Radiator Valve. No Trap Station Components.
255931	Radiator Trap	Main / 2nd / Gym	First Radiator On Right, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255932	Radiator Trap	Main / 2nd / Gym	Second Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.

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# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	am Trap Su	rvey Informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
255933	Radiator Trap	Main / 2nd / Gym	Third Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255934	Radiator Trap	Main / 2nd / Gym	Fourth Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255935	Radiator Trap	Main / 2nd / Gym	Fifth Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255936	Radiator Trap	Main / 2nd / Gym	Sixth Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255937	Radiator Trap	Main / 2nd / Gym	Seventh Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255938	Radiator Trap	Main / 2nd / Gym	Eighth Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	RIP	No Radiator Valve. Disconnected From System.
255939	Radiator Trap	Main / 2nd / Gym	Eighth Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	85	85	Р	No Radiator Valve. No Trap Station Components.
255940	Radiator Trap	Main / 2nd / Gym	Seventh Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	210	L	No Radiator Valve. No Trap Station Components.
255941	Radiator Trap	Main / 2nd / Gym	Sixth Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	210	В	No Radiator Valve. No Trap Station Components.
255942	Radiator Trap	Main / 2nd / Gym	Fifth Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	217	212	В	No Radiator Valve. No Trap Station Components.
255943	Radiator Trap	Main / 2nd / Gym	Fourth Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	212	L	No Radiator Valve. No Trap Station Components.
255944	Radiator Trap	Main / 2nd / Gym	Third Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	217	212	В	No Radiator Valve. No Trap Station Components.
255945	Radiator Trap	Main / 2nd / Gym	Second Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	180	OK	No Radiator Valve. No Trap Station Components.
255946	Radiator Trap	Main / 2nd / Gym	First Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	171	OK	No Radiator Valve. No Trap Station Components.
255947	Radiator Trap	Main / 2nd / Gym Stairwell	Radiator, 0-5'	TS-A	Barnes & Jones	°1721	1/2"	2	213	210	L	Pneumatic Radiator Valve. No Trap Station Components.
255970	Air Handling Unit	Main / 2nd / Gym Storage 251	HV-4, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	176	OK	Inlet Isolation, Outlet Isolation.
255971	Radiator Trap	Main / 2nd / Gym Storage 251A	Below Right Window, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Buried.
255969	Radiator Trap	Main / 2nd / Gym Storage 251B	Back Wall, 0-5'	TS-A	N/A	NA	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Buried.

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# 2021 Steam Trap Efficiency Report

Table 1.		Stoom	Tuon	SHANNA	Information	
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
255975	Radiator Trap	Main / 2nd / Hallway	Across From 247, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling. Pneumatic Valve Stuck Closed
255984	Radiator Trap	Main / 2nd / Hallway	Outside 237, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	210	L	Pneumatic Radiator Valve. No Trap Station Components.
255996	Radiator Trap	Main / 2nd / Hallway	Outside 231, 0-5'	TS-A	Spirax Sarco	RTA-125	1/2"	3	78	78	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling. Pneumatic Valve Broken Off
300016	Radiator Trap	Main / 2nd / Hallway	Across From 215, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	73	73	Р	Pneumatic Radiator Valve. No Trap Station Components.
300023	Radiator Trap	Main / 2nd / Hallway	Outside 212, 0-5'	TS-S	Barnes & Jones	3500	1/2"	3	76	76	Р	Pneumatic Radiator Valve. No Trap Station Components.
300034	Radiator Trap	Main / 2nd / Hallway	Outside 207, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	75	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling. Pneumatic Valve Stuck Closed
300046	Radiator Trap	Main / 2nd / Hallway	Outside 201, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	76	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling.
300062	Univent	Main / 2nd / 257	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	195	OK	Outlet Isolation.
300063	Radiator Trap	Main / 2nd / 257	Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	213	193	OK	Pneumatic Radiator Valve. No Trap Station Components.
300055	Radiator Trap	Main / 2nd / 261	1st Radiator On Right, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	76	76	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling. Pneumatic Valve Stuck Closed
300056	Radiator Trap	Main / 2nd / 261	2nd Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	76	75	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling. Pneumatic Valve Stuck Closed
300057	Radiator Trap	Main / 2nd / 261	3rd Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300058	Radiator Trap	Main / 2nd / 261	4th Radiator, 0-5'	TS-A	Hoffman	17C	1/2"	3	213	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300059	Vacuum Breaker	Main / 2nd / 261	5th Radiator, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	208	L	No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	Table 1:	All Steam	<b>Trap Survey</b>	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap	Mfr.	Model	Pipe	System			Result	Comments
300060	Radiator Trap	Main / 2nd / 261	6th Radiator, 0-5'	Type TS-A	Barnes & Jones	5000	<b>Size</b> 1/2"	<b>PSI</b> 3	<b>In</b> 214		L	Pneumatic Radiator Valve. No Trap Station Components.
300064	Radiator Trap	Main / 2nd / Boys Bathroom Next To 255	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	213	176	ОК	DDC Radiator Valve. No Trap Station Components. DDC Valve Broken Off
300068	Radiator Trap	Main / 2nd / Hallway	Across From 253, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	76	Р	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Closed
302141	Univent	Main / 3rd / 309	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	198	ОК	No Trap Station Components.
302142	Radiator Trap	Main / 3rd / 309	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
302139	Radiator Trap	Main / 3rd / 311	Radiator (Trap Suspected Under Counter Top By Oven), 0-5'	FT	N/A	N/A	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. No Access Panel And Going To Be Hard To Create One.
302140	Univent	Main / 3rd / 311	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	194	ОК	Outlet Isolation.
302136	Univent	Main / 3rd / 312	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	178	ОК	No Trap Station Components.
302137	Radiator Trap	Main / 3rd / 312	Radiator Under Window Left Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
302132	Drip Leg	Main / 3rd / 313	Left Side Of Univent, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	215	213	L	Inlet Isolation.
302133	Univent	Main / 3rd / 313	Inside Univent, Above Ceiling	FT	Spirax Sarco	FT14	3/4"	3	216	187	OK	No Trap Station Components.
302134	Radiator Trap	Main / 3rd / 313	Radiator Under Window Left Corner, 0-5'	TS-A	N/A	N/A	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. No Access Panel.
302135	Radiator Trap	Main / 3rd / 313	Radiator Under Window Right Corner, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. No Access Panel.
302129	Drip Leg	Main / 3rd / 314	Middle Of Rm, Above Ceiling	FT	Barnes & Jones	FT2015-5	1 1/4"	3	214	160	OK	Inlet Isolation.
302130	Reheat Coil	Main / 3rd / 314	Middle Of Rm, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	215	180	OK	Inlet Isolation, Outlet Isolation.

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# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
302131	Radiator Trap	Main / 3rd / 314	Radiator Under Window Right Corner, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. No Access Panel. Can't Reach From Up Top.
302126	Radiator Trap	Main / 3rd / 315	Left Radiator Access Panel In Cabinets, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	212	L	Pneumatic Radiator Valve. No Trap Station Components.
302125	Univent	Main / 3rd / 315	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	193	ОК	No Trap Station Components.
302127	Radiator Trap	Main / 3rd / 315	Right Radiator. Access Panel In Cabinets, 0-5'	TS-A	Barnes & Jones	122A	1/2"	3	215	212	L	Pneumatic Radiator Valve. No Trap Station Components.
302121	Reheat Coil	Main / 3rd / 316	Middle Of Rm, Above Ceiling	FT	Barnes & Jones	FTI2015-3	3/4"	3	214	176	ОК	Inlet Isolation, Strainer.
302122	Drip Leg	Main / 3rd / 316	Towards Right Wall, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	215	187	ОК	Outlet Isolation.
302123	Radiator Trap	Main / 3rd / 316	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	214	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
302124	Reheat Coil	Main / 3rd / 316	Against Right Wall, Above Ceiling	FT	Barnes & Jones	FTI2015-3	3/4"	3	80	80	NIS	Outlet Isolation. Not Calling.
302119	Univent	Main / 3rd / 317	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	176	ОК	No Trap Station Components.
302120	Radiator Trap	Main / 3rd / 317	Radiator Left Corner, 0-5'	TS-A	N/A	N/A	3/4"	3	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Access Panel Not In Correct Place.
302118	Radiator Trap	Main / 3rd / 323	Under Window. Access Panel Right Cabinet, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	186	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302113	Radiator Trap	Main / 3rd / 324 Teachers Rm	Radiator Back Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	199	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302116	Univent	Main / 3rd / 325	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	176	OK	No Trap Station Components.
302117	Radiator Trap	Main / 3rd / 325	Radiator Under Window Access Panel Left Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	212	L	Pneumatic Radiator Valve. No Trap Station Components.
302105	Univent	Main / 3rd / 326	Left Univent, 0-5'	TS-A	N/A	N/A	1/2"	3	NA	NA	NA	No Trap Station Components. Trap Piped Behind Univent.
302106	Radiator Trap	Main / 3rd / 326	Radiator Between Univents Access Panel In Cabinet, 0-5'	TS-A	Barnes & Jones	1721	3/4"	3	215	212	L	Pneumatic Radiator Valve. No Trap Station Components.

 Table 1: All Steam Trap Survey Information

### 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
302107	Univent	Main / 3rd / 326	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	NIS	No Trap Station Components. Not Calling.
302112	Radiator Trap	Main / 3rd / 327	Radiator Under Window Access Panel Right Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	193	OK	Pneumatic Radiator Valve. No Trap Station Components.
302109	Univent	Main / 3rd / 329	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	225	176	ОК	No Trap Station Components.
302110	Radiator Trap	Main / 3rd / 329	Middle Radiator Access Panel Left Of Univent, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	195	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302111	Radiator Trap	Main / 3rd / 329	Left Radiator Access Panel In Cabinet, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	197	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302101	Air Vent	Main / 3rd / 330	Left Univent. Access Panel In Cabinet, 0-5'	TS-S	Barnes & Jones	1785	3/4"	3	214	197	ОК	No Trap Station Components.
302102	Radiator Trap	Main / 3rd / 330	Between Univents. Access Panel I'M Cabinet, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	212	L	Pneumatic Radiator Valve. No Trap Station Components.
302103	Univent	Main / 3rd / 330	Right Univent. Access Panel In Cabinet, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	177	ОК	No Trap Station Components.
302114	Radiator Trap	Main / 3rd / Boys Bathroom Next To 324	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA125	3/4"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out.
255948	Radiator Trap	Main / 3rd / Gym Stairwell	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	Р	Pneumatic Radiator Valve. No Trap Station Components.
255952	Radiator Trap	Main / 3rd / Gym Stairwell	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	89	89	Р	Pneumatic Radiator Valve. No Trap Station Components.
301128	Radiator Trap	Main / 3rd / Hallway	Radiator Across From 315, 0-5'	TS-S	Barnes & Jones	1721	1/2"	3	214	192	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302108	Radiator Trap	Main / 3rd / Hallway	Radiator Across From 326, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	198	ОК	Pneumatic Radiator Valve. No Trap Station Components.
302138	Radiator Trap	Main / 3rd / Hallway	Across From 311, 0-5'	TS-S	Barnes & Jones	1721	1/2"	3	80	80	NIS	Pneumatic Radiator Valve. No Trap Station Components. Not Calling.

### **Table 1: All Steam Trap Survey Information**

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Barnes &

Jones

Barnes &

Jones

Barnes &

Jones

Barnes &

Jones

1929

1721

1929

1721

3/4"

1/2"

3/4"

1/2"

TS-A

TS-A

TS-A

TS-A

Under Window, 0-5'

Platform Before 3rd Floor,

0-5'

Platform Before Third

Floor Under Window, 0-5'

Right Radiator, 0-5'

6

Main / 3rd / Space

Between 330 And 326

Main / 3rd / Stairwell 5

Main / 3rd / Stairwell 6

Main / 3rd /

Upper Bleachers

Radiator

Trap

Radiator

Trap

Radiator

Trap

Radiator

Trap

302104

302115

302143

255949

Pneumatic Radiator Valve. No Trap

Station Components.

Pneumatic Radiator Valve. No Trap

Station Components.

Pneumatic Radiator Valve. No Trap

Station Components.

Thermostatic Radiator Valve. No

Trap Station Components.

214

214

213

215 187

198

192

185

3

3

3

2

OK

OK

OK

OK

# 2021 Steam Trap Efficiency Report

]	<b>Fable 1</b>	: A	II Stea	am Tra	p Survey	<b>Information</b>	

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
255950	Radiator Trap	Main / 3rd / Upper Bleachers	Center Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
255951	Radiator Trap	Main / 3rd / Upper Bleachers	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
300346	Air Handling Unit	Main / 3rd / 300	AHU Coil, 0-5'	FT	Barnes & Jones	44T	1 1/2"	3	163	160	OK	Inlet Isolation, Strainer, Outlet Isolation.
300347	Drip Leg	Main / 3rd / 300	AHU Coil, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	173	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
300228	Univent	Main / 3rd / 301	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	174	OK	No Trap Station Components.
300329	Radiator Trap	Main / 3rd / 301	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	181	OK	Pneumatic Radiator Valve. No Trap Station Components.
300331	Radiator Trap	Main / 3rd / 302	Radiator, 0-5'	TS-A	Barnes & Jones	2819	1/2"	3	215	185	OK	Pneumatic Radiator Valve. No Trap Station Components.
300332	Univent	Main / 3rd / 302	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	199	ОК	No Trap Station Components.
300326	Univent	Main / 3rd / 303	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	225	171	OK	No Trap Station Components.
300327	Radiator Trap	Main / 3rd / 303	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	217	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
300324	Radiator Trap	Main / 3rd / 304	Radiator, 0-5'	TS-A	Watts	1G ONBODY	1/2"	3	215	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300325	Univent	Main / 3rd / 304	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	NA	NA	RIP	Disconnected From System.
300319	Univent	Main / 3rd / 305	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	178	ОК	No Trap Station Components.
300320	Radiator Trap	Main / 3rd / 305	Radiator, 0-5'	TS-A	Watts	1G ONBODY	1/2"	3	216	211	В	Pneumatic Radiator Valve. No Trap Station Components.
300321	Univent	Main / 3rd / 306	Left Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	216	189	OK	Inlet Isolation.
300322	Radiator Trap	Main / 3rd / 306	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	216	210	L	Pneumatic Radiator Valve. No Trap Station Components.
300323	Univent	Main / 3rd / 306	Right Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	92	92	Р	No Trap Station Components.
300097	Univent	Main / 3rd / 307	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	171	OK	No Trap Station Components.

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### 2021 Steam Trap Efficiency Report

			Table 1:	All Ste	am Trap Su	rvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
300098	Radiator Trap	Main / 3rd / 307	Radiator, 0-5'	TS-A	Barnes & Jones	3146	1/2"	3	215	179	OK	Pneumatic Radiator Valve. No Trap Station Components.
300096	Radiator Trap	Main / 3rd / 331	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	213	179	OK	Pneumatic Radiator Valve. No Trap Station Components.
300094	Univent	Main / 3rd / 333	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	209	167	ОК	Outlet Isolation.
300095	Radiator Trap	Main / 3rd / 333	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	213	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
300091	Univent	Main / 3rd / 337	Univent, 0-5'	FT	Hoffman	FT015-H3	3/4"	3	76	76	Р	Inlet Isolation, Outlet Isolation.
300092	Radiator Trap	Main / 3rd / 337	Radiator, 0-5'	TS-A	Hoffman	8C	3/4"	3	213	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
300088	Univent	Main / 3rd / 339	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	214	186	ОК	No Trap Station Components.
300089	Radiator Trap	Main / 3rd / 339	Radiator, 0-5'	TS-A	Barnes & Jones	3146	3/4"	3	208	174	OK	Pneumatic Radiator Valve. No Trap Station Components. Steam Trap Leaking Condensate.
300086	Univent	Main / 3rd / 341	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	81	81	NIS	No Trap Station Components. Valved Out, Not Calling.
300087	Radiator Trap	Main / 3rd / 341	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	181	OK	Pneumatic Radiator Valve. No Trap Station Components.
300083	Univent	Main / 3rd / 343	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	210	178	ОК	No Trap Station Components.
300084	Radiator Trap	Main / 3rd / 343	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
300082	Radiator Trap	Main / 3rd / 345	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	194	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Radiator Valve Leaking By
300077	Univent	Main / 3rd / 347	In Front Of Door, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	213	173	OK	No Trap Station Components.
300078	Drip Leg	Main / 3rd / 347	In Front Of Tall Cabinet, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	3	214	196	ОК	No Trap Station Components.
300079	Radiator Trap	Main / 3rd / 347	Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	213	197	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300073	Drip Leg	Main / 3rd / 355	In Front Of Door, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	214	176	OK	No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

### **Table 1: All Steam Trap Survey Information**

		1			am Trap Su	rvey Informa			1			
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
300074	Univent	Main / 3rd / 355	In Front Of Door, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	76	84	Р	No Trap Station Components.
300075	Radiator Trap	Main / 3rd / 355	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	207	L	Pneumatic Radiator Valve. No Trap Station Components. Elbow Leaking Condensate.
300070	Univent	Main / 3rd / 357	Univent, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	3	76	76	NIS	Outlet Isolation. Valved Out, Not Calling.
300071	Radiator Trap	Main / 3rd / 357	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	191	OK	Pneumatic Radiator Valve. No Trap Station Components.
300345	Radiator Trap	Main / 3rd / 359	Below Window, 0-5'	TS-A	Barnes & Jones	134	3/4"	3	214	197	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Radiator Valve Leaking By
300341	Radiator Trap	Main / 3rd / 361	Right Skylight, 10-15'	TS-A	Warren Webster	513	3/4"	3	195	167	OK	Pneumatic Radiator Valve. No Trap Station Components.
300342	Radiator Trap	Main / 3rd / 361	Left Skylight, 10-15'	TS-A	Barnes & Jones	134	3/4"	3	202	164	OK	Pneumatic Radiator Valve. No Trap Station Components.
300343	Radiator Trap	Main / 3rd / 361	Right Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	215	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300344	Radiator Trap	Main / 3rd / 361	Left Radiator, 0-5'	TS-A	N/A	NA	1/2"	3	215	199	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300336	Radiator Trap	Main / 3rd / 363	Right Skylight, 10-15'	TS-A	Warren Webster	513	3/4"	3	200	172	OK	Pneumatic Radiator Valve. No Trap Station Components.
300337	Radiator Trap	Main / 3rd / 363	Left Skylight, 10-15'	TS-A	Warren Webster	NA	1"	3	200	189	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300338	Radiator Trap	Main / 3rd / 363	Right Radiator, 0-5'	TS-A	Barnes & Jones	2819	1/2"	3	215	189	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300339	Radiator Trap	Main / 3rd / 363	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	207	L	Pneumatic Radiator Valve. No Trap Station Components.
300340	Radiator Trap	Main / 3rd / 363	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	187	ОК	Pneumatic Radiator Valve. No Trap Station Components.
300333	Radiator Trap	Main / 3rd / 365	Skylight, 10-15'	TS-A	Barnes & Jones	1721	1/2"	3	217	191	OK	Pneumatic Radiator Valve. No Trap Station Components.
300334	Radiator Trap	Main / 3rd / 365	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	216	208	L	Pneumatic Radiator Valve. No Trap Station Components.
300099	Radiator Trap	Main / 3rd / Bathroom Across From 307	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	215	190	OK	DDC Radiator Valve. No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

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Table 1	: All Steam	Trap Survey	Information

					am Trap Su	rvey Informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
300072	Radiator Trap	Main / 3rd / Boys Bathroom Next To 355	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	214	174	OK	DDC Radiator Valve. No Trap Station Components.
300081	Radiator Trap	Main / 3rd / Girls Bathroom Next To 347	Back Wall, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	3	213	181	OK	DDC Radiator Valve. No Trap Station Components.
300076	Radiator Trap	Main / 3rd / Hallway	Across From 355, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	76	Р	Pneumatic Radiator Valve. No Trap Station Components.
300080	Radiator Trap	Main / 3rd / Hallway	Across From 347, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	76	76	NIS	Pneumatic Radiator Valve. No Trap Station Components. Valved Out, Not Calling.
300090	Radiator Trap	Main / 3rd / Hallway	Outside 337, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	79	76	Р	Pneumatic Radiator Valve. No Trap Station Components.
300318	Radiator Trap	Main / 3rd / Hallway	Next To 305A, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	NA	NA	RIP	Pneumatic Radiator Valve. Valved Out, Not Used.
300330	Radiator Trap	Main / 3rd / Hallway	Outside 301, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	NA	NA	RIP	Pneumatic Radiator Valve. Valved Out, Not Calling.
300069	Radiator Trap	Main / 3rd / Stairwell	Outside 357, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	188	OK	Pneumatic Radiator Valve. No Trap Station Components.
300085	Radiator Trap	Main / 3rd / Stairwell	Next To 343, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	213	184	OK	Pneumatic Radiator Valve. No Trap Station Components.
300093	Radiator Trap	Main / 3rd / Stairwell	Outside 337, 0-5'	TS-A	Barnes & Jones	5000	1/2"	3	213	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
300335	Radiator Trap	Main / 3rd / Stairwell	Across From 365, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	194	OK	Pneumatic Radiator Valve. No Trap Station Components.
296849	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	Above Exit Door, 10-15'	TS-A	Barnes & Jones	1929	3/4"	3	215	212	L	No Trap Station Components.
296850	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	Above First Window, 10-15'	TS-A	Barnes & Jones	1929	3/4"	3	218	193	OK	No Trap Station Components.
296851	Radiator Trap	Main / Basement / Back Entrance (Cage Rm)	Radiator Up Above, 10-15'	TS-A	Barnes & Jones	1929	3/4"	3	217	189	L	Pneumatic Radiator Valve. No Trap Station Components.
296852	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	End Of Cage, 10-15'	TS-A	Barnes & Jones	1929	3/4"	3	217	212	L	No Trap Station Components.
296853	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	End Of Cage, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	178	OK	No Trap Station Components.
296609	Drip Leg	Main / Basement / Basement Underground Hallway	Back Part On Right Side Near Storage Area, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	220	180	ОК	No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

			Table 1: A	All Stea	am Trap Su	irvey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296901	Drip Leg	Main / Basement / Basement Underground Hallway	Corner Opposite Entrance, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	217	180	ОК	No Trap Station Components.
296902	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm First On Right M0, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	217	216	L	No Trap Station Components.
296903	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm 2nd On Right, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	216	187	ОК	No Trap Station Components.
296904	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm Third On Right, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	217	199	ОК	No Trap Station Components.
296905	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm Fourth On Right, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	216	212	L	No Trap Station Components.
296907	Drip Leg	Main / Basement / Basement Underground Hallway	Back Part On Right Side Near Storage Area, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	214	178	ОК	No Trap Station Components.
296908	Drip Leg	Main / Basement / Basement Underground Hallway	Towards End Of Tunnel On Right Wall Before It Opens Up, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	214	189	ОК	No Trap Station Components.
296909	Drip Leg	Main / Basement / Basement Underground Hallway	Towards End In First Carved Our Area, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	216	178	L	No Trap Station Components.
296910	Drip Leg	Main / Basement / Basement Underground Hallway	At Very End In Corner, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	180	ОК	No Trap Station Components. Nipple Leaking Condensate.
296911	Drip Leg	Main / Basement / Basement Underground Hallway	At Very End In Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	3	214	186	ОК	No Trap Station Components.
296912	Drip Leg	Main / Basement / Basement Underground Hallway	At Very End In Corner, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	214	194	ОК	No Trap Station Components.
296826	Drip Leg	Main / Basement / Boiler Rm	Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	189	OK	Inlet Isolation.
296827	Drip Leg	Main / Basement / Boiler Rm	Boiler 1, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	213	187	OK	Inlet Isolation.

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
296828	Drip Leg	Main / Basement / Boiler Rm	Above Entrance, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296829	Drip Leg	Main / Basement / Boiler Rm	Above Boiler 2 Panel, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	180	100	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296830	Drip Leg	Main / Basement / Boiler Rm	Above Electrical Panel In Corner, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	200	90	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296831	Drip Leg	Main / Basement / Boiler Rm	Above Electrical Panel In Corner, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	160	89	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296846	Drip Leg	Main / Basement / Break Rm	Drip Against Wall, 5-10'	TS-A	Barnes & Jones	1929	1/2"	3	216	193	OK	No Trap Station Components.
296847	Drip Leg	Main / Basement / Break Rm	Radiator On Wall Right Side, 0-5'	TS-A	Barnes & Jones	3494	1/2"	3	217	212	L	No Trap Station Components.
296848	Radiator Trap	Main / Basement / Break Rm	Radiator On Wall Left Side, 0-5'	TS-A	Spirax Sarco	Н	1/2"	3	216	189	OK	Pneumatic Radiator Valve. No Trap Station Components.
300616	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	End Of Tunnel Near Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	218	215	L	No Trap Station Components.
300617	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	2nd Trap Towards Right End Of Tunnel, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	197	OK	No Trap Station Components.
300618	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	Opposite Entrance Of Tunnel, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	212	L	No Trap Station Components. Inlet Union Leaking Steam.
300619	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	Left Of Tunnel In Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	212	L	No Trap Station Components.
300620	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	Left In Tunnel Last Trap In Left Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	216	198	OK	No Trap Station Components.
296881	Drip Leg	Main / Basement / Data Closet 2E	Back Left Corner, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	215	192	OK	No Trap Station Components.
296882	Drip Leg	Main / Basement / Data Closet 2E	Back Left Corner, 5-10'	FT	Barnes & Jones	FT2015-4	1"	2	214	187	OK	Blowdown.
296883	Drip Leg	Main / Basement / Data Closet 2E	Back Left Corner, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	210	L	No Trap Station Components.
296844	Drip Leg	Main / Basement / Head Custodian Office	Left Side Of Radiator, 0-5'	TS-A	Spirax Sarco	Н	1/2"	2	213	210	В	No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1. 2	All Ste	am trap Su	rvey informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296845	Radiator Trap	Main / Basement / Head Custodian Office	Radiator In Corner, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	220	193	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296869	Drip Leg	Main / Basement / Library	Left Side Of Radiator On Left Side Of Rm, Bottom Shelf Of Tall Bookcase Behind Cutout In Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	180	OK	No Trap Station Components.
296870	Radiator Trap	Main / Basement / Library	Right Side Of Radiator On Left Wall Behind Shelf In Cut Out, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	181	OK	Pneumatic Radiator Valve. No Trap Station Components.
296871	Radiator Trap	Main / Basement / Library	Left Side Of Radiator On Right Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	174	ОК	Pneumatic Radiator Valve. No Trap Station Components.
296872	Drip Leg	Main / Basement / Library	Right Side Of Radiator On Right Wall, Bottom Shelf Of Tall Bookcase Behind Cutout, 0-5'	TS-A	Barnes & Jones	1G	3/4"	2	213	181	ОК	No Trap Station Components.
296873	Drip Leg	Main / Basement / Library	In Between Left Wall And Left Support Column, Above Ceiling	FT	Barnes & Jones	FT15	3/4"	2	215	182	OK	Inlet Isolation, Outlet Isolation.
296874	Drip Leg	Main / Basement / Library	Right Of Left Support Column, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	2	213	212	L	Inlet Isolation, Outlet Isolation.
296875	Drip Leg	Main / Basement / Library	In Between Bookshelf On Right Side Of Rm And Right Support Column, Above Ceiling, Above Ceiling	FT	Hoffman	FT015H	3/4"	2	215	187	ОК	Inlet Isolation, Outlet Isolation.
296876	Drip Leg	Main / Basement / Library	In Back Rm Of Library, Right Side Of Radiator On Left Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	185	OK	No Trap Station Components.
296877	Radiator Trap	Main / Basement / Library	Back Rm In Library, Left Side Of Radiator On Left Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Cannot Access Trap No Access Panel.
296878	Drip Leg	Main / Basement / Library	Back Rm In Library Left Side Of Radiator On Right Wall In Access Panel, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	183	ОК	No Trap Station Components.
296879	Radiator Trap	Main / Basement / Library	Back Rm In Library, Right Side Of Radiator On Right Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	178	ОК	Pneumatic Radiator Valve. No Trap Station Components.

**Table 1: All Steam Trap Survey Information** 

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information											
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296832	Drip Leg	Main / Basement / MER Next To Boiler Rm	Above Ductwork, Above 15'	FT	Barnes & Jones	FT2015-4	1"	3	217	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Strainer Plugged.
296833	Drip Leg	Main / Basement / MER Next To Boiler Rm	Above Ductwork Against Wall, Above 15'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296835	Drip Leg	Main / Basement / MER Next To Boiler Rm	Next To Ductwork, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296836	Drip Leg	Main / Basement / MER Next To Boiler Rm	Next To Ductwork, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	3	220	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296837	Drip Leg	Main / Basement / MER Next To Boiler Rm	In Front Of Oil Tank, Above 15'	FT	Barnes & Jones	FT2015-3	3/4"	2	80	80	NIS	Inlet Isolation, Strainer, Outlet Isolation. Valved Out.
296838	Drip Leg	Main / Basement / MER Next To Boiler Rm	In Front Of Oil Tank, Above 15'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	188	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296839	Drip Leg	Main / Basement / MER Next To Boiler Rm	Opposite End If Ductwork On Wall, Above 15'	FT	Barnes & Jones	FT2015-4	1"	3	116	90	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296840	Drip Leg	Main / Basement / MER Next To Boiler Rm	Opposite End Of Ductwork Above Electrical Lines, Above 15'	FT	Barnes & Jones	FT2015-3	3/4"	3	180	130	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296841	Drip Leg	Main / Basement / MER Next To Boiler Rm	Opposite Ductwork On Wall, 10-15'	FT	Barnes & Jones	FT2015-4	1"	3	220	90	Р	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Dirt Leg Plugged.
296842	Drip Leg	Main / Basement / MER Next To Boiler Rm	In Caged Area, Right Wall, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	200	L	No Trap Station Components.
296859	Drip Leg	Main / Basement / North Crawlspace	In Front Of Entry, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	178	OK	No Trap Station Components.
296860	Drip Leg	Main / Basement / North Crawlspace	Halfway Down Tunnel, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	180	OK	No Trap Station Components.
296893	Drip Leg	Main / Basement / Rm 7	Univent Right Hand Side, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	217	188	OK	No Trap Station Components.
296894	Univent	Main / Basement / Rm 7	Univent Left Side, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	216	189	OK	No Trap Station Components.
296895	Drip Leg	Main / Basement / Rm 7	Drip Above Radiator Near Left Corner, Above Ceiling	TS-A	N/A	N/A	1/2"	3	215	176	OK	No Trap Station Components.
296896	Radiator Trap	Main / Basement / Rm 7	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	1929	1/2"	3	216	192	OK	Pneumatic Radiator Valve. No Trap Station Components.
296897	Drip Leg	Main / Basement / Rm 7	Radiator Left Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	199	OK	No Trap Station Components.
296854	Univent	Main / Basement / Rm 9	Heater In Ceiling (Middle Of Rm), Above Ceiling	FT	Barnes & Jones	FTI2015-3	3/4"	3	80	80	NIS	No Trap Station Components. Valved Out.

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments	
296855	Unit Heater	Main / Basement / Rm 9	Heater In Ceiling (Middle Of Rm), Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	80	80	NIS	No Trap Station Components. Valved Out.	
296891	Radiator Trap	Main / Basement / Rm 9A	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	216	198	OK	Pneumatic Radiator Valve. No Trap Station Components.	
296892	Drip Leg	Main / Basement / Rm 9A	Radiator Back Left, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	212	189	OK	No Trap Station Components.	
296889	Drip Leg	Main / Basement / Rm 9B	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	216	212	L	No Trap Station Components.	
296890	Radiator Trap	Main / Basement / Rm 9B	In Storage Closet, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	216	178	OK	Pneumatic Radiator Valve. No Trap Station Components.	
296887	Drip Leg	Main / Basement / Rm 9C	Back Wall Right, 0-5'	TS-A	Barnes & Jones	122	1/2"	3	221	198	L	No Trap Station Components.	
296888	Radiator Trap	Main / Basement / Rm 9C	Back Wall Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	220	187	OK	Pneumatic Radiator Valve. No Trap Station Components.	
296856	Unit Heater	Main / Basement / Rm 9D	Unit Heater In Ceiling, Above Ceiling	TS-S	Barnes & Jones	134	3/4"	3	216	199	OK	No Trap Station Components.	
296857	Unit Heater	Main / Basement / Rm 9D	Unit Heater Above Ceiling, Above Ceiling	FT	Barnes & Jones	FT2015-3	3/4"	3	217	199	ОК	No Trap Station Components.	
296858	Drip Leg	Main / Basement / Rm 9D	Above Ceiling In Left Corner, Above Ceiling	TS-A	Barnes & Jones	1929	1/2"	3	217	190	ОК	No Trap Station Components.	
296885	Drip Leg	Main / Basement / Rm 9D	Radiator Right Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	220	215	L	No Trap Station Components.	
296886	Radiator Trap	Main / Basement / Rm 9D	Radiator Front Left Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	216	188	OK	Pneumatic Radiator Valve. No Trap Station Components.	
296843	Drip Leg	Main / Basement / Stairwell From Boiler Rm	Above Platform, 10-15'	TS-A	Barnes & Jones	122	1/2"	3	220	216	L	No Trap Station Components.	
296884	Drip Leg	Main / Basement / Storage Rm 1	Straight Ahead From Entrance, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	215	186	OK	No Trap Station Components.	
296861	Drip Leg	Main / Basement / West Hallway	Right Of North Crawlspace Entry, 0-5'	FT	Barnes & Jones	FT2015-4	1"	2	215	186	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.	
296862	Drip Leg	Main / Basement / West Hallway Rm 10B	Rm To The Left, Access Panel In Back Right Corner, 0-5'	FT	Hoffman	FT015H	1 1/4"	2	212	188	OK	No Trap Station Components.	
296863	Drip Leg	Main / Basement / West Hallway Rm 10B	Storage Closet, Back Left Wall Above Ceiling, Above Ceiling	FT	Barnes & Jones	51T	3/4"	2	217	210	L	Inlet Isolation, Strainer, Blowdown.	

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
296864	Drip Leg	Main / Basement / West Hallway Rm 10B	In Storage Closet, Above Ceiling Middle Of Room Ppl, Above Ceiling	TS-A	Barnes & Jones	134	3/4"	2	212	210	L	No Trap Station Components.
296865	Radiator Trap	Main / Basement / West Hallway Rm 10B	Storage Closet, Left Side Of Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	180	OK	No Radiator Valve. No Trap Station Components.
296867	Drip Leg	Main / Basement / West Hallway Rm 6	Right Side Of Radiator, 0-5'	TS-A	Barnes & Jones	122	1/2"	2	212	212	L	No Trap Station Components.
296868	Radiator Trap	Main / Basement / West Hallway Rm 6	Left Side Of Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	181	OK	Pneumatic Radiator Valve. No Trap Station Components.
296866	Radiator Trap	Main / Basement / West Hallway Rm 8	In Second Set Of Cabinet Doors From Right Side Of Counter, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
296880	Univent	Main / Basement / West Hallway Rm 8	Tile Directly Left Of Second Light From The Right Wall, Row Of Lights Closest To Windows, Above Ceiling	FT	Barnes & Jones	FT2015	3/4"	2	214	187	OK	No Trap Station Components.
296957	Drip Leg	Main / Basement / 1A	Right Inside Corner Above Ceiling Tiles, 5-10'	TS-A	Barnes & Jones	134	3/4"	3	218	210	OK	No Trap Station Components.
296958	Drip Leg	Main / Basement / 1A	Middle Of Rm, Front Of Univent Above Ceiling, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	217	199	OK	No Trap Station Components.
296959	Univent	Main / Basement / 1A	Behind Univent Above Ceiling, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	210	291	OK	No Trap Station Components.
296960	Univent	Main / Basement / 1B	Middle Of Rm, Front Of Univent Above Ceiling, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	213	206	OK	No Trap Station Components.
296981	Drip Leg	Main / Basement / 1B	Middle Of Rm, Front Of Univent Above Ceiling, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	200	ОК	No Trap Station Components.
296950	Drip Leg	Main / Basement / 3, Hallway	Above Entrance, 5-10'	FT	Barnes & Jones	FT2015 <b>-</b> 4	1"	3	217	198	OK	Inlet Isolation, Strainer, Blowdown.
296951	Drip Leg	Main / Basement / 3, Music Rm	Right Wall Above Exit, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	200	OK	Inlet Isolation, Check Valve, Outlet Isolation.
296952	Univent	Main / Basement / 3, Music Rm	Left Cross Corner, Behind Univent, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	186	178	OK	No Trap Station Components.

 Table 1: All Steam Trap Survey Information

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments	
296953	Drip Leg	Main / Basement / 3, Music Rm	Left Cross Corner, Behind Univent, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	215	197	OK	No Trap Station Components.	
296954	Drip Leg	Main / Basement / 3, Music Rm	Left Cross Corner, Above Exit, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	220	205	ОК	Check Valve.	
296955	Univent	Main / Basement / 3, Music Rm	Left Corner, Behind Univent, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	189	175	ОК	No Trap Station Components.	
296956	Drip Leg	Main / Basement / 3, Music Rm	Left Corner, Behind Univent, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	195	ОК	No Trap Station Components.	
196943	Univent	Main / Basement / 5	Univent, Right, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	187	180	ОК	No Trap Station Components.	
296941	Drip Leg	Main / Basement / 5	Closet, Right Corner, 5-10'	FT	Barnes & Jones	FT-6	3/4"	3	219	190	ОК	No Trap Station Components.	
296942	Drip Leg	Main / Basement / 5	Univent, Right, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	220	196	ОК	No Trap Station Components.	
296944	Univent	Main / Basement / 5	Univent, Left, 5-10'	FT	Barnes & Jones	FTI2015-3	3/4"	3	197	186	ОК	Check Valve.	
296945	Drip Leg	Main / Basement / 5	Univent, Left, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	216	198	ОК	No Trap Station Components.	
296946	Drip Leg	Main / Basement / 5	Univent, Left, Behind, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	218	208	ОК	No Trap Station Components.	
296947	Drip Leg	Main / Basement / 5	Univent, Left, Behind And Above Light, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	114	115	Р	No Trap Station Components.	
296948	Drip Leg	Main / Basement / 5	Left Cross Corner Above Exit, 5-10'	TS-A	Barnes & Jones	1929	3/4"	3	215	205	ОК	No Trap Station Components.	
296949	Drip Leg	Main / Basement / 5A, Storage Rm	Left Cross Corner, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	3	218	198	ОК	Inlet Isolation, Outlet Isolation.	
300100	Radiator Trap	Main / Basement / B6 Bathroom	Center Of Rm, 5-10'	TS-A	Barnes & Jones	1721	1/2"	3	NA	NA	RIP	Pneumatic Radiator Valve. Valved Out.	
300601	Drip Leg	Main / Basement / Crawlspace	Across From Stairwell 3, 0-5'	FT	Barnes & Jones	FT2015-4	1"	3	220	207	L	Inlet Isolation, Strainer.	
300602	Drip Leg	Main / Basement / Crawlspace	80Ft In, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	213	167	OK	No Trap Station Components.	
300603	Drip Leg	Main / Basement / Crawlspace	Branch Left After 80 Ft, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	75	85	Р	No Trap Station Components.	
300604	Drip Leg	Main / Basement / Crawlspace	80 Ft Left Branch, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	218	207	L	No Trap Station Components.	

 Table 1: All Steam Trap Survey Information

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

	Table 1: All Steam Trap Survey Information												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments	
300605	Drip Leg	Main / Basement / Crawlspace	80Ft Left Branch Round Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	No Trap Station Components. Debris. Steam Trap Leaking Steam And Condensate.	
300606	Drip Leg	Main / Basement / Crawlspace	80Ft Left Branch Around Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	NA	NA	NA	No Trap Station Components. Debris.	
300607	Drip Leg	Main / Basement / Crawlspace Below 157D	Left, 0-5'	FT	Barnes & Jones	FT2015-5	1 1/4"	3	215	197	OK	No Trap Station Components. Outlet Union Leaking Steam And Condensate.	
300608	Drip Leg	Main / Basement / Crawlspace Below 157D	Left, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	210	199	ОК	No Trap Station Components.	
300609	Drip Leg	Main / Basement / Crawlspace Below 157D	Far Left, 0-5'	TS-A	Barnes & Jones	1928	3/4"	3	216	189	ОК	No Trap Station Components.	
300610	Drip Leg	Main / Basement / Crawlspace Below 157D	Back Right, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	221	208	L	No Trap Station Components.	
300611	Drip Leg	Main / Basement / Crawlspace Below 157D	Right 25 Ft, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	185	ОК	No Trap Station Components.	
300612	Drip Leg	Main / Basement / Crawlspace Below 157D	Right 30 Ft, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	218	211	В	No Trap Station Components. Inlet Isolation Leaking Condensate.	

**Table 1: All Steam Trap Survey Information** 

### Table 2: Blowing, Leaking, and Plugged Traps

# Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Docult	Install/Access Issues
255919	Radiator Trap	Main / 1st / 101B	Below Window, 0-5'	Hoffman	17C	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Scheduling Issues, Copper Pipes. File Cabinet In The Way
255918	Radiator Trap	Main / 1st / 101C	Left Corner, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
296963	Radiator Trap	Main / 1st / 104	Radiator In Between Univents, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Behind Cabinet.
296938	Radiator Trap	Main / 1st / 105	Radiator Third Cabinet Access From Right, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Behind Cabinet
255911	Radiator Trap	Main / 1st / 112	Radiator Under Window, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Extremely Difficult Access Behind Cabinet In Room
255912	Univent	Main / 1st / 112	Right Side Univent, Above Ceiling	Barnes & Jones	134	Thermostatic Straight	3	3/4"	NPT	Р	Repair Kit, No Issues
255797	Univent	Main / 1st / 121	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, Difficult Access, Need To Adjust Position
255796	Radiator Trap	Main / 1st / 123	Below Ac, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
255776	Radiator Trap	Main / 1st / 126	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues, Copper Tubing
255777	Univent	Main / 1st / 126	Right Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues, Might Need To Pull Trap To Repair
255771	Univent	Main / 1st / 128	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, No Issues
255767	Radiator Trap	Main / 1st / 130	Radiator Right Of Univent, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Through Far-Right Cabinet Access
255759	Radiator Trap	Main / 1st / 141	Panel Next To Univent, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues, Need To Remove Panels. Copper Pipes
296993	Radiator Trap	Main / 1st / 151	Back Of Space, 5-10'	Barnes & Jones	1721	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

#### 2021 Steam Efficiency Report

	Table 2: Blowing, Leaking, and Plugged Traps												
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues		
296974	Radiator Trap	Main / 1st / 152	Back Wall, 0-5'	Barnes & Jones	5000	Thermostatic Straight	3	3/4"	NPT	L	Repair Kit, No Issues		
296980	Radiator Trap	Main / 1st / 153A	Bathroom, Left Side Of Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Straight	3	3/4"	NPT	L	Repair Kit, Difficult Access		
296992	Drip Leg	Main / 1st / 153A	Bathroom, Right Side Of Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Straight	3	3/4"	NPT	L	Repair Kit, No Issues		
296995	Drip Leg	Main / 1st / 153C	Back Wall, Right Side Of Radiator, 0-5'	Barnes & Jones	5007	Thermostatic Straight	3	3/4"	NPT	L	Repair Kit, No Issues		
296996	Drip Leg	Main / 1st / 153C	Bathroom, Left Side Of Radiator, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues		
255793	Radiator Trap	Main / 1st / Boys Bathroom Across From Cafeteria	Back Wall, 0-5'	Spirax Sarco	RTA-125	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues		
255967	Drip Leg	Main / 1st / Boys Bathroom Gym	Left Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues		
255968	Radiator Trap	Main / 1st / Boys Bathroom Gym	Left Wall, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	В	Repair Kit, No Issues		
255782	Radiator Trap	Main / 1st / Cafeteria	2nd On West Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues		
255786	Radiator Trap	Main / 1st / Cafeteria	South Wall East Most Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues		
300613	Drip Leg	Main / 1st / Crawlspace Below 100D	Below Entry, 0-5'	Barnes & Jones	FT2015-5	Float & Thermostatic	3	1 1/4"	NPT	L	Repair Kit,		
255922	Radiator Trap	Main / 1st / Entrance Corridor	Outside Auditorium Right Side, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access		
255957	Drip Leg	Main / 1st / Girls Bathroom Gyms	Right Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues		
255958	Radiator Trap	Main / 1st / Girls Bathroom Gyms	Right Wall, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues, Copper Tubing		
255959	Radiator Trap	Main / 1st / Gym Entrance	Left Radiator, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	2	3/4"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves		
255960	Drip Leg	Main / 1st / Gym Entrance	Left Radiator, 0-5'	Barnes & Jones	3146	Thermostatic Straight	2	3/4"	NPT	L	Repair Kit, System Shutdown Required		
255962	Drip Leg	Main / 1st / Gym Entrance	Right Radiator, 0-5'	Barnes & Jones	3146	Thermostatic Straight	2	3/4"	NPT	В	Repair Kit, System Shutdown Required, No Isolation Valves		
						1							

Result Key: B= Blowing L= Leaking P= Plugged

1721

Thermostatic

Angle

2

1/2"

NPT

Р

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

Barnes &

Jones

In Front Of Women's

Bathroom, 0-5'

American Plant Maintenance, LLC.

0

Main / 1st /

Gym Stairwell

Radiator

Trap

255955

Repair Kit, System Shutdown

Required, No Isolation Valve

# 2021 Steam Efficiency Report

Table 2:	Plowing	Looking	and	Dluggod	Trong	
1 aute 2.	Diowing,	Leaking,	anu	I luggeu	TTaps	

			Table 2:	Blowing, Lea	king, and Plug	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
255964	Drip Leg	Main / 1st / Gym Stairwell	Outside Bathroom, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues
255965	Radiator Trap	Main / 1st / Gym Stairwell	Outside Bathroom, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
255966	Drip Leg	Main / 1st / Gym Stairwell	Outside Bathroom, 5-10'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296982	Radiator Trap	Main / 1st / Main Entrance Vestibule	Left Radiator While Looking Out, 5-10'	Barnes & Jones	NA	Thermostatic Angle	3	3/4"	NPT	В	Full Trap, No Issues
296915	Radiator Trap	Main / 1st / South Gym	East Side 2nd, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, System Shutdown Required
296916	Radiator Trap	Main / 1st / South Gym	East Side 3rd, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, System Shutdown Required
296921	Radiator Trap	Main / 1st / South Gym	West Side 2nd, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, System Shutdown Required
255757	Univent	Main / 1st / Stairwell 3	Vestibule, 5-10'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, No Issues
255792	Univent	Main / 1st / Stairwell 5	Vestibule, 0-5'	Barnes & Jones	5000	Thermostatic Straight	3	3/4"	NPT	В	Repair Kit, No Issues
296971	Radiator Trap	Main / 1st / Stairwell Next To 102	Bottom Platform, 0-5'	Barnes & Jones	FTI2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
300047	Univent	Main / 2nd / 201	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300048	Radiator Trap	Main / 2nd / 201	Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300045	Univent	Main / 2nd / 202	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300041	Univent	Main / 2nd / 204	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Difficult Access, Scheduling Issues
300033	Radiator Trap	Main / 2nd / 207	Radiator, 0-5'	Barnes & Jones	4285	Thermostatic Straight	3	3/4"	NPT	L	Repair Kit, Difficult Access
300030	Radiator Trap	Main / 2nd / 209	Radiator, 0-5'	Barnes & Jones	4285	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300027	Air Handling Unit	Main / 2nd / 211	HV-1, 0-5'	Barnes & Jones	FT2015 <b>-</b> 4	Float & Thermostatic	3	1"	NPT	Р	Repair Kit, No Issues
300020	Radiator Trap	Main / 2nd / 214	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access

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American Plant Maintenance, LLC.

# 2021 Steam Efficiency Report

### Table 2: Blowing, Leaking, and Plugged Traps

			Table 2.	Blowing, Lea	king, and r iu	ggeu Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300015	Radiator Trap	Main / 2nd / 216	Right Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300012	Radiator Trap	Main / 2nd / 217	Right Radiator, 0-5'	N/A	NA	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Will Have To Make Access Hatch
300013	Radiator Trap	Main / 2nd / 217	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access
300008	Univent	Main / 2nd / 225	Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300009	Radiator Trap	Main / 2nd / 225	Below Left Window, 0-5'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Scheduling Issues
255997	Univent	Main / 2nd / 226	Left Univent, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Copper
300004	Radiator Trap	Main / 2nd / 227	Right Side Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Difficult Access, System Shutdown Required, Need To Make Access Panel To Do Repair
300005	Drip Leg	Main / 2nd / 227	Right Side Univent, Above Ceiling	Barnes & Jones	FT2015-3	Float & Thermostatic	2	3/4"	NPT	В	Repair Kit, System Shutdown Required, No Inlet Isolation
300006	Univent	Main / 2nd / 227	Univent, Above Ceiling	Spirax Sarco	FT14	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300001	Drip Leg	Main / 2nd / 229	Next To Projector, Above Ceiling	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Scheduling Issues
300002	Univent	Main / 2nd / 229	Inside Univent, Above Ceiling	Spirax Sarco	FT14	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
255988	Radiator Trap	Main / 2nd / 230	Left Side Of Radiator, In Access Panel, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
255989	Univent	Main / 2nd / 230	Right Side Of Right Univent, 0-5'	Barnes & Jones	4285	Thermostatic Straight	2	3/4"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
255979	Radiator Trap	Main / 2nd / 243	Right Panel, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
255977	Radiator Trap	Main / 2nd / 245	Right Corner, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
255928	Drip Leg	Main / 2nd / 249	HV-3, 0-5'	Barnes & Jones	FT6	Float & Thermostatic	3	1"	NPT	L	Repair Kit, No Issues
300049	Radiator Trap	Main / 2nd / 265	Right Radiator, 0-5'	Spirax Sarco	T25	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues

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### 2021 Steam Efficiency Report

			Table 2:	Blowing, Lea	king, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
300050	Radiator Trap	Main / 2nd / 265	Left Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
255939	Radiator Trap	Main / 2nd / Gym	Eighth Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, System Shutdown Required, No Isolation Valves
255940	Radiator Trap	Main / 2nd / Gym	Seventh Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
255941	Radiator Trap	Main / 2nd / Gym	Sixth Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, System Shutdown Required, No Isolation Valves
255942	Radiator Trap	Main / 2nd / Gym	Fifth Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Full Trap, System Shutdown Required, No Isolation Valves
255943	Radiator Trap	Main / 2nd / Gym	Fourth Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
255944	Radiator Trap	Main / 2nd / Gym	Third Radiator On Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, System Shutdown Required, No Isolation Valves
255947	Radiator Trap	Main / 2nd / Gym Stairwell	Radiator, 0-5'	Barnes & Jones	°1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
255984	Radiator Trap	Main / 2nd / Hallway	Outside 237, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
300016	Radiator Trap	Main / 2nd / Hallway	Across From 215, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
300023	Radiator Trap	Main / 2nd / Hallway	Outside 212, 0-5'	Barnes & Jones	3500	Thermostatic Straight	3	1/2"	NPT	Р	Repair Kit, No Issues
300059	Vacuum Breaker	Main / 2nd / 261	5th Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
300060	Radiator Trap	Main / 2nd / 261	6th Radiator, 0-5'	Barnes & Jones	5000	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, No Issues
300068	Radiator Trap	Main / 2nd / Hallway	Across From 253, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, No Issues
302132	Drip Leg	Main / 3rd / 313	Left Side Of Univent, Above Ceiling	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	L	Repair Kit, No Issues
302126	Radiator Trap	Main / 3rd / 315	Left Radiator Access Panel In Cabinets, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, May Need To Cut Larger Access Panel. Hard To Turn Wrenches For A Full Change Out
302127	Radiator Trap	Main / 3rd / 315	Right Radiator. Access Panel In Cabinets, 0-5'	Barnes & Jones	122A	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Through Access Panel

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American Plant Maintenance, LLC.

300076

300090

6

Trap

Radiator

Trap

0

6

#### 2021 Steam Efficiency Report

_			Table 2:	<b>Blowing</b> , Lea	king, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
302117	Radiator Trap	Main / 3rd / 325	Radiator Under Window Access Panel Left Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access, Inside Access Panel Not A Lot Of Room
302106	Radiator Trap	Main / 3rd / 326	Radiator Between Univents Access Panel In Cabinet, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	3/4"	NPT	L	Full Trap, Difficult Access, Requires 3/4 Thermostatics Angle Trap. Difficult Access Small Wrenches To Remove
302102	Radiator Trap	Main / 3rd / 330	Between Univents. Access Panel I'M Cabinet, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Full Trap, Difficult Access
255948	Radiator Trap	Main / 3rd / Gym Stairwell	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, System Shutdown Required, No Isolation Valves
255952	Radiator Trap	Main / 3rd / Gym Stairwell	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, System Shutdown Required, No Isolation Valves
300324	Radiator Trap	Main / 3rd / 304	Radiator, 0-5'	Watts	1G ONBODY	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Scheduling Issues
300320	Radiator Trap	Main / 3rd / 305	Radiator, 0-5'	Watts	1G ONBODY	Thermostatic Angle	3	1/2"	NPT	В	Full Trap, Difficult Access, Scheduling Issues
300322	Radiator Trap	Main / 3rd / 306	Radiator, 0-5'	Barnes & Jones	134	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Difficult Access
300323	Univent	Main / 3rd / 306	Right Univent, 0-5'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300091	Univent	Main / 3rd / 337	Univent, 0-5'	Hoffman	FT015-H3	Float & Thermostatic	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300074	Univent	Main / 3rd / 355	In Front Of Door, Above Ceiling	Barnes & Jones	134	Thermostatic Straight	3	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
300075	Radiator Trap	Main / 3rd / 355	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300343	Radiator Trap	Main / 3rd / 361	Right Radiator, 0-5'	N/A	NA	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, Difficult Access, Scheduling Issues
300339	Radiator Trap	Main / 3rd / 363	Middle Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
300334	Radiator Trap	Main / 3rd / 365	Below Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Scheduling Issues
300076	Radiator	Main / 3rd / Hallway	Across From 355, 0-5'	Barnes &	1721	Thermostatic	3	1/2"	NPT	Р	Repair Kit. No Issues

Result Key: B= Blowing L= Leaking P= Plugged

1721

1721

1/2"

1/2"

3

3

Angle

Thermostatic

Angle

NPT

NPT

Р

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

Jones

Barnes &

Jones

American Plant Maintenance, LLC.

Main / 3rd / Hallway

Main / 3rd / Hallway

Across From 355, 0-5'

Outside 337, 0-5'

Repair Kit, No Issues

Repair Kit, No Issues

### 2021 Steam Efficiency Report

			Table 2:	Blowing, Lea	king, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296849	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	Above Exit Door, 10-15'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296851	Radiator Trap	Main / Basement / Back Entrance (Cage Rm)	Radiator Up Above, 10-15'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, No Issues
296852	Drip Leg	Main / Basement / Back Entrance (Cage Rm)	End Of Cage, 10-15'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296902	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm First On Right M0, 5-10'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296905	Drip Leg	Main / Basement / Basement Underground Hallway	In Caged Rm Fourth On Right, 5-10'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296909	Drip Leg	Main / Basement / Basement Underground Hallway	Towards End In First Carved Our Area, 5-10'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296828	Drip Leg	Main / Basement / Boiler Rm	Above Entrance, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Difficult Access, System Shutdown Required
296829	Drip Leg	Main / Basement / Boiler Rm	Above Boiler 2 Panel, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Difficult Access, System Shutdown Required
296830	Drip Leg	Main / Basement / Boiler Rm	Above Electrical Panel In Corner, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Difficult Access, System Shutdown Required
296831	Drip Leg	Main / Basement / Boiler Rm	Above Electrical Panel In Corner, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Difficult Access, System Shutdown Required
296847	Drip Leg	Main / Basement / Break Rm	Radiator On Wall Right Side, 0-5'	Barnes & Jones	3494	Thermostatic Angle	3	1/2"	NPT	L	Full Trap, No Issues
300616	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	End Of Tunnel Near Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Permit Required Confined Space, Difficult Access
300618	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	Opposite Entrance Of Tunnel, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Full Trap, Permit Required Confined Space, Difficult Access
300619	Drip Leg	Main / Basement / Confined Space Tunnel In Rm 12B	Left Of Tunnel In Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, Permit Required Confined Space, Difficult Access
296883	Drip Leg	Main / Basement / Data Closet 2E	Back Left Corner, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves

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American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2:	Blowing, Lea	king, and Plug	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
296844	Drip Leg	Main / Basement / Head Custodian Office	Left Side Of Radiator, 0-5'	Spirax Sarco	Н	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, System Shutdown Required, No Iso Valves
296874	Drip Leg	Main / Basement / Library	Right Of Left Support Column, Above Ceiling	Barnes & Jones	FT2015-3	Float & Thermostatic	2	3/4"	NPT	L	Repair Kit, Difficult Access
296839	Drip Leg	Main / Basement / Mer Next To Boiler Rm	Opposite End If Ductwork On Wall, Above 15'	Barnes & Jones	FT2015-4	Float & Thermostatic	3	1"	NPT	Р	Full Trap, Lift Required, Difficult Access, System Shutdown Required
296840	Drip Leg	Main / Basement / Mer Next To Boiler Rm	Opposite End Of Ductwork Above Electrical Lines, Above 15'	Barnes & Jones	FT2015-3	Float & Thermostatic	3	3/4"	NPT	Р	Full Trap, Lift Required, Difficult Access, System Shutdown Required
296841	Drip Leg	Main / Basement / Mer Next To Boiler Rm	Opposite Ductwork On Wall, 10-15'	Barnes & Jones	FT2015-4	Float & Thermostatic	3	1"	NPT	Р	Full Trap, Lift Required, Difficult Access, System Shutdown Required
296842	Drip Leg	Main / Basement / Mer Next To Boiler Rm	In Caged Area, Right Wall, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, System Shutdown Required, No Isolation Valves
296889	Drip Leg	Main / Basement / Rm 9B	Radiator Right Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296887	Drip Leg	Main / Basement / Rm 9C	Back Wall Right, 0-5'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access, System Shutdown Required
296885	Drip Leg	Main / Basement / Rm 9D	Radiator Right Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
296843	Drip Leg	Main / Basement / Stairwell From Boiler Rm	Above Platform, 10-15'	Barnes & Jones	122	Thermostatic Angle	3	1/2"	NPT	L	Repair Kit, Difficult Access
296863	Drip Leg	Main / Basement / West Hallway Rm 10B	Storage Closet, Back Left Wall Above Ceiling, Above Ceiling	Barnes & Jones	51T	Float & Thermostatic	2	3/4"	NPT	L	Full Trap, System Shutdown Required, No Outlet Isolation
296864	Drip Leg	Main / Basement / West Hallway Rm 10B	In Storage Closet, Above Ceiling Middle Of Roo. Ppl, Above Ceiling	Barnes & Jones	134	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Difficult Access, System Shutdown Required, No Isolation Valves
296867	Drip Leg	Main / Basement / West Hallway Rm 6	Right Side Of Radiator, 0-5'	Barnes & Jones	122	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Difficult Access, System Shutdown Required, Behind Radiator Cover Hard To Get Access
296947	Drip Leg	Main / Basement / 5	Univent, Left, Behind And Above Light, 5-10'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

#### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
277851	Univent	Eastview / 1st / 101	Univent On Left, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	214	199	OK	Strainer, Blowdown.
277852	Radiator Trap	Eastview / 1st / 101	Radiator Left Side, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	215	187	OK	DDC Radiator Valve. No Trap Station Components.
277853	Univent	Eastview / 1st / 101	Univent In Right Corner, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	80	80	NIS	Inlet Isolation, Outlet Isolation. Valved Out.
277848	Univent	Eastview / 1st / 102	Left Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	213	195	OK	Inlet Isolation, Outlet Isolation.
277849	Univent	Eastview / 1st / 102	Right Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	83	83	NIS	Inlet Isolation, Outlet Isolation. Not Calling.
277850	Radiator Trap	Eastview / 1st / 102	Right Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	210	178	OK	DDC Radiator Valve. No Trap Station Components.
277857	Univent	Eastview / 1st / 103	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out, Not Responding In System.
277856	Univent	Eastview / 1st / 104	Below Window, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	211	190	OK	Inlet Isolation, Outlet Isolation.
277861	Univent	Eastview / 1st / 107	Univent, 0-5'	TS-A	Spirax Sarco	125	3/4"	2	213	192	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
277862	Radiator Trap	Eastview / 1st / 107	Radiator Next To Univent, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	212	L	DDC Radiator Valve. No Trap Station Components.
277864	Radiator Trap	Eastview / 1st / 108A	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	172	1/2"	2	214	178	OK	DDC Radiator Valve. No Trap Station Components.
277863	Radiator Trap	Eastview / 1st / 108B	On Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	184	OK	DDC Radiator Valve. No Trap Station Components.
277865	Radiator Trap	Eastview / 1st / 108C	On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	199	OK	DDC Radiator Valve. No Trap Station Components.
277868	Radiator Trap	Eastview / 1st / 110	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	80	80	Р	DDC Radiator Valve. No Trap Station Components.
277869	Univent	Eastview / 1st / 110	Univent, 0-5'	TS-A	Spirax Sarco	125	3/4"	2	213	192	OK	No Trap Station Components.
277870	Univent	Eastview / 1st / 111	Univent Left Access, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	210	187	OK	Outlet Isolation.

## 2021 Steam Trap Efficiency Report

Table 1.	All Steam	Tran S	Survey 1	Information
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			Table 1: All S	leam.	rap Surve	ey morma	uon					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
277871	Radiator Trap	Eastview / 1st / 111	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	211	188	OK	DDC Radiator Valve. No Trap Station Components.
277872	Radiator Trap	Eastview / 1st / 111	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	194	OK	DDC Radiator Valve. No Trap Station Components.
277887	Reheat Coil	Eastview / 1st / 113	Heating Coil Above Ceiling In Front Of White Board, Above Ceiling	TS-A	Spirax Sarco	A125	3/4"	2	214	188	OK	No Trap Station Components.
277875	Univent	Eastview / 1st / 114	Univent, 0-5'	TS-A	Hoffman	8C	3/4"	2	213	198	OK	Strainer, Blowdown.
296621	Radiator Trap	Eastview / 1st / 115	Entrance To Auditorium Vestibule Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
296622	Radiator Trap	Eastview / 1st / 115	Entrance To Auditorium Vestibule Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
296627	Radiator Trap	Eastview / 1st / 115D	Front Of Entrance, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	100	Р	Thermostatic Radiator Valve. No Trap Station Components.
296628	Radiator Trap	Eastview / 1st / 115D	Back Wall Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	182	OK	Thermostatic Radiator Valve. No Trap Station Components.
296629	Radiator Trap	Eastview / 1st / 115E	Back Wall Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	216	90	Р	Thermostatic Radiator Valve. No Trap Station Components.
296630	Radiator Trap	Eastview / 1st / 115E	Opposite Entrance, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	199	OK	Thermostatic Radiator Valve. No Trap Station Components.
277882	Univent	Eastview / 1st / 117	Univent, 0-5'	TS-A	Spirax Sarco	A125	3/4"	2	213	196	OK	Strainer, Blowdown, Outlet Isolation.
277883	Radiator Trap	Eastview / 1st / 117B (Exam Rm Of Nurses)	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	187	OK	Manual Radiator Valve. No Trap Station Components.
277884	Univent	Eastview / 1st / 118	Right Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	212	190	OK	Inlet Isolation, Outlet Isolation.
277885	Radiator Trap	Eastview / 1st / 118	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	184	ОК	DDC Radiator Valve. No Trap Station Components. Steam Trap Leaking Condensate.
277886	Univent	Eastview / 1st / 118	Left Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	1/2"	2	212	179	OK	Inlet Isolation, Outlet Isolation.
277889	Radiator Trap	Eastview / 1st / 119	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	188	OK	DDC Radiator Valve. No Trap Station Components.
277890	Univent	Eastview / 1st / 119	Univent, 0-5'	TS-A	Mepco	2E	3/4"	2	215	198	OK	No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Informati	on
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			Table 1: All S	steam	Frap Surve	ey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
277891	Radiator Trap	Eastview / 1st / 121	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	212	L	DDC Radiator Valve. No Trap Station Components.
277892	Univent	Eastview / 1st / 121	Univent, 0-5'	TS-S	N/A	?	3/4"	2	214	193	OK	No Trap Station Components.
277895	Radiator Trap	Eastview / 1st / 123	Radiator Above Sink, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valve Out. Thermostatic Valve Stuck Closed
277896	Radiator Trap	Eastview / 1st / 123	Radiator Above Oven, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. N Trap Station Components. Valve Out. Thermostatic Valve Stuck Closed
277897	Radiator Trap	Eastview / 1st / 123	Radiator Above Windows, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. N Trap Station Components. Valve Out. Thermostatic Valve Stuck Closed
277898	Radiator Trap	Eastview / 1st / 123	Back Bathroom, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. N Trap Station Components. Valve Out.
296671	Univent	Eastview / 1st / 124	Next To Entrance, 0-5'	FT	Barnes & Jones	FT2015-3	3/4"	2	212	188	OK	Strainer.
296672	Radiator Trap	Eastview / 1st / 124	Radiator Back Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	180	ОК	Thermostatic Radiator Valve. N Trap Station Components.
296673	Radiator Trap	Eastview / 1st / 124	Radiator Back Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	198	ОК	Thermostatic Radiator Valve. N Trap Station Components.
277900	Radiator Trap	Eastview / 1st / 124A	Radiator Above Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	188	OK	Thermostatic Radiator Valve. N Trap Station Components.
296684	Drip Leg	Eastview / 1st / 127. Mac Lab	Drip Against Entrance Wall, 10-15'	TS-A	Barnes & Jones	4326	1"	2	214	187	OK	No Trap Station Components.
296686	Unit Heater	Eastview / 1st / 127. Mac Lab	Back Unit Heater, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	170	OK	Strainer, Outlet Isolation.
296687	Radiator Trap	Eastview / 1st / 127. Mac Lab	Back Corner Radiator, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	213	170	OK	Thermostatic Radiator Valve. N Trap Station Components. Thermostatic Valve Broken Of
296885	Unit Heater	Eastview / 1st / 127. Mac Lab	Forward Unit Heater, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	180	OK	Strainer, Outlet Isolation.

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## 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information
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			Table 1: All S	leam.	i rap Surve	ey morma	uon					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
296888	Heat Exchanger	Eastview / 1st / 127. Mac Lab	HEX Above Exit Door, 10-15'	FT	Barnes & Jones	FT2015-4	1"	2	211	171	OK	No Trap Station Components.
296889	Radiator Trap	Eastview / 1st / 127. Mac Lab	Radiator Across From Entrance, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
296674	Radiator Trap	Eastview / 1st / 128	Radiator Up Above Between Windows, 5-10'	TS-A	Barnes & Jones	1998	3/4"	2	214	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
296675	Drip Leg	Eastview / 1st / 128	Right Wall Near Closet, 5-10'	TS-A	Warren Webster	N05	1 1/4"	2	216	193	OK	No Trap Station Components.
296676	Drip Leg	Eastview / 1st / 128	In Front Of Entrance, 10-15'	FT	Hoffman	FT15	1"	2	216	180	OK	Inlet Isolation, Strainer, Outlet Isolation.
296690	Radiator Trap	Eastview / 1st / 130	In Front Of Roll Up Door, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	213	189	OK	DDC Radiator Valve. No Trap Station Components.
296678	Univent	Eastview / 1st / 131	Univent Above Sink, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	177	ОК	Strainer.
296679	Radiator Trap	Eastview / 1st / 131	Radiator Trap Above Sink, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	214	212	L	Manual Radiator Valve. No Trap Station Components.
296680	Radiator Trap	Eastview / 1st / 131	Radiator Opposite Entrance, 10-15'	TS-A	Barnes & Jones	1929	3/4"	2	216	187	OK	DDC Radiator Valve. No Trap Station Components.
296777	Drip Leg	Eastview / 1st / 131	Drip Behind Sink, 10-15'	TS-A	Barnes & Jones	1721	1"	2	216	195	OK	No Trap Station Components.
296682	Unit Heater	Eastview / 1st / 135	Unit Heater In Back Corner, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	220	168	OK	Inlet Isolation, Outlet Isolation.
296881	Radiator Trap	Eastview / 1st / 135	Radiator Trap Against Right Window, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	214	185	OK	DDC Radiator Valve. No Trap Station Components.
296883	Radiator Trap	Eastview / 1st / 135	Radiator Against Back Windows, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	216	197	L	DDC Radiator Valve. No Trap Station Components.
296613	Radiator Trap	Eastview / 1st / Auditorium	North Wall 1st Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
296614	Radiator Trap	Eastview / 1st / Auditorium	North Side 2nd Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	200	100	Р	Thermostatic Radiator Valve. No Trap Station Components.
296615	Radiator Trap	Eastview / 1st / Auditorium	North Side Last Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	177	OK	Thermostatic Radiator Valve. No Trap Station Components.
296616	Radiator Trap	Eastview / 1st / Auditorium	North Side Wall Opposite Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
296617	Radiator Trap	Eastview / 1st / Auditorium	South Wall Opposite Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	160	OK	Thermostatic Radiator Valve. No Trap Station Components.

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### 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model		System PSI	Tem In		Result	Comments
296618	Radiator Trap	Eastview / 1st / Auditorium	South Wall Third Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	215		L	Thermostatic Radiator Valve. No Trap Station Components.
296619	Radiator Trap	Eastview / 1st / Auditorium	South Wall First Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
296620	Radiator Trap	Eastview / 1st / Auditorium	South Wall 2nd Radiator From Stage, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	165	OK	Thermostatic Radiator Valve. No Trap Station Components.
291968	Radiator Trap	Eastview / 1st / Boys Bathroom Across From 130	Above Back Window, Above Ceiling	TS-A	Spirax Sarco	125	3/4"	3	215	189	OK	DDC Radiator Valve. No Trap Station Components.
291969	Radiator Trap	Eastview / 1st / Boys Bathroom Across From 130	Above Middle Urinal, Above Ceiling	TS-A	Barnes & Jones	1721	1/2"	3	214	190	OK	DDC Radiator Valve. No Trap Station Components.
277858	Radiator Trap	Eastview / 1st / Boys Bathroom Next To 104	Last Stall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	211	184	OK	DDC Radiator Valve. No Trap Station Components.
296639	Radiator Trap	Eastview / 1st / Entrance 1 Vestibule	Right Side Upon Enterint, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	202	OK	Thermostatic Radiator Valve. No Trap Station Components.
296640	Radiator Trap	Eastview / 1st / Entrance 1 Vestibule	Left Side Upon Entering, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	224	187	OK	Thermostatic Radiator Valve. No Trap Station Components.
296641	Radiator Trap	Eastview / 1st / Entrance 3 Vestibule	Radiator Opposite Entrance, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
296642	Radiator Trap	Eastview / 1st / Entrance 3 Vestibule	Right Side Upon Entrance, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	212	L	Thermostatic Radiator Valve. No Trap Station Components.
296643	Radiator Trap	Eastview / 1st / Entrance 3 Vestibule	Left Side Upon Entrance, 0-5'	TS-A	Barnes & Jones	1731	1/2"	2	213	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
291971	Radiator Trap	Eastview / 1st / Girls Bathroom Next To 100E	Above Window Ceiling Tile, Above Ceiling	TS-A	Barnes & Jones	125	3/4"	3	215	180	OK	DDC Radiator Valve. No Trap Station Components.
277887	Radiator Trap	Eastview / 1st / Hallway	Across From 121, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	210	173	OK	Thermostatic Radiator Valve. No Trap Station Components.
277854	Radiator Trap	Eastview / 1st / Hallway	Outside 101, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	210	182	OK	Thermostatic Radiator Valve. No Trap Station Components.
277855	Radiator Trap	Eastview / 1st / Hallway	Stairwell By 101, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	96	132	Р	Thermostatic Radiator Valve. No Trap Station Components.
277859	Radiator Trap	Eastview / 1st / Hallway	Across From It 100A, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	206	164	OK	Thermostatic Radiator Valve. No Trap Station Components.
277867	Radiator Trap	Eastview / 1st / Hallway	Across From 110, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	200	172	OK	Thermostatic Radiator Valve. No Trap Station Components.
277873	Radiator Trap	Eastview / 1st / Hallway	Outside 112, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	210	172	OK	Thermostatic Radiator Valve. No Trap Station Components.

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## 2021 Steam Trap Efficiency Report

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Table 1:	All Steam	Trap Survey	Information

			Table 1: All S	team	i rap Surve	ey informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
277899	Radiator Trap	Eastview / 1st / Hallway	Outside 124, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	210	177	OK	Thermostatic Radiator Valve. No Trap Station Components.
296644	Radiator Trap	Eastview / 1st / Hallway	Stairwell By 107, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	187	164	OK	Thermostatic Radiator Valve. No Trap Station Components.
296623	Radiator Trap	Eastview / 1st / Main Entrance To Auditorium	Left Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	199	OK	Thermostatic Radiator Valve. No Trap Station Components.
296624	Radiator Trap	Eastview / 1st / Main Entrance To Auditorium	Middle Right Column, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
296625	Radiator Trap	Eastview / 1st / Main Entrance To Auditorium	Middle Left Column, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	188	OK	Thermostatic Radiator Valve. No Trap Station Components.
296626	Radiator Trap	Eastview / 1st / Main Entrance To Auditorium	Left Side, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	190	OK	Thermostatic Radiator Valve. No Trap Station Components.
277879	Radiator Trap	Eastview / 1st / Main Office 116	Back Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	178	OK	DDC Radiator Valve. No Trap Station Components.
277876	Radiator Trap	Eastview / 1st / Main Office 116A	Radiator On Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	178	OK	DDC Radiator Valve. No Trap Station Components.
277877	Radiator Trap	Eastview / 1st / Main Office 116A	Radiator On Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	187	OK	DDC Radiator Valve. No Trap Station Components.
277878	Radiator Trap	Eastview / 1st / Main Office 116E	On Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	192	OK	DDC Radiator Valve. No Trap Station Components.
277881	Radiator Trap	Eastview / 1st / Main Office 116J	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	293	OK	DDC Radiator Valve. No Trap Station Components.
277880	Radiator Trap	Eastview / 1st / Main Office Copy Rm	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	193	ОК	DDC Radiator Valve. No Trap Station Components.
291970	Radiator Trap	Eastview / 1st / Rm123 Bathroom	Above Radiator Ceiling Tiles, Above Ceiling	TS-A	Spirax Sarco	125	1/2"	3	215	197	OK	DDC Radiator Valve. No Trap Station Components.
296698	Univent	Eastview / 2nd / 201 Boys Locker	Back Wall, Above Ceiling	TS-S	Hoffman	8C	3/4"	2	211	182	OK	Outlet Isolation.
296697	Univent	Eastview / 2nd / 202 Girls Locker	Back Wall, 5-10'	TS-S	Spirax Sarco	RTH-125	3/4"	2	210	174	OK	No Trap Station Components.
296691	Radiator Trap	Eastview / 2nd / 203	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	209	В	DDC Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	n
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			Table 1: All S	bleam	riap Surve	ey miorma						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296692	Univent	Eastview / 2nd / 203	Univent, 0-5'	TS-S	Armstron	20	3/4"	2	84	84	Р	No Trap Station Components.
296693	Radiator Trap	Eastview / 2nd / 203	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	215	208	В	DDC Radiator Valve. No Trap Station Components.
296694	Radiator Trap	Eastview / 2nd / 203	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	210	В	DDC Radiator Valve. No Trap Station Components.
296695	Radiator Trap	Eastview / 2nd / 204	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	78	78	Р	DDC Radiator Valve. No Trap Station Components.
296696	Univent	Eastview / 2nd / 204	Univent, 0-5'	TS-S	Mepco	2E	3/4"	2	213	200	ОК	No Trap Station Components.
291803	Univent	Eastview / 2nd / 205	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	211	191	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296699	Radiator Trap	Eastview / 2nd / 206A Gym Office	Below Window, 0-5'	TS-S	N/A	NA	1/2"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. No Trap Found.
296700	Radiator Trap	Eastview / 2nd / 206B Gym Storage	Below Window, 0-5'	TS-S	N/A	NA	1/2"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Unable To Find Trap.
291804	Univent	Eastview / 2nd / 207	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	213	184	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291805	Radiator Trap	Eastview / 2nd / 207	Radiator, 0-5'	TS-A	Barnes & Jones	1998	1/2"	2	215	208	L	DDC Radiator Valve. No Trap Station Components.
291806	Univent	Eastview / 2nd / 209	Univent, 0-5'	TS-S	Armstron g	TS-3	3/4"	2	210	178	OK	No Trap Station Components.
291807	Radiator Trap	Eastview / 2nd / 209	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	173	ОК	DDC Radiator Valve. No Trap Station Components.
291810	Univent	Eastview / 2nd / 211	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	84	84	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. See Pics .Steam Trap Leaking Steam And Condensate.
291811	Radiator Trap	Eastview / 2nd / 211	Right Radiator, 0-5'	TS-A	Hoffman	8C	3/4"	2	213	186	OK	DDC Radiator Valve. No Trap Station Components.
291812	Radiator Trap	Eastview / 2nd / 211	Left Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	198	OK	DDC Radiator Valve. No Trap Station Components.
291813	Univent	Eastview / 2nd / 212	Univent, 0-5'	TS-S	Мерсо	2E	3/4"	2	213	189	OK	No Trap Station Components.
291814	Radiator Trap	Eastview / 2nd / 212	Radiator, 0-5'	TS-A	Barnes & Jones	134	3/4"	2	213	207	L	DDC Radiator Valve. No Trap Station Components.

Result Key:OK = OkayB = BlowingL = LeakingP = PluggedNIS = Not In ServiceLBD = Leak By DesignNA = Not AccessibleRIP = Retired In PlaceTrap Type Key:IB=Inverted BucketVIB=Vertical Inverted BucketFT=Float & ThermostaticBM=BimetallicTD=ThermodynamicTS= ThermostaticOR=Orifice

## 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	1
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			Table 1: All S	steam	rap Surve	ey informa						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291817	Univent	Eastview / 2nd / 213	Univent, 0-5'	TS-S	Мерсо	2E	3/4"	2	211	173	ОК	No Trap Station Components.
291818	Radiator Trap	Eastview / 2nd / 213	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	185	OK	DDC Radiator Valve. No Trap Station Components.
291815	Univent	Eastview / 2nd / 214	Univent, 0-5'	TS-S	Illinois	3GH	3/4"	2	211	179	OK	No Trap Station Components.
291816	Radiator Trap	Eastview / 2nd / 214	Radiator, 0-5'	TS-S	Watts	3GH	3/4"	2	130	94	Р	DDC Radiator Valve. No Trap Station Components.
291820	Univent	Eastview / 2nd / 215	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	198	164	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291821	Radiator Trap	Eastview / 2nd / 215	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	179	OK	DDC Radiator Valve. No Trap Station Components.
291822	Univent	Eastview / 2nd / 217 Library	Left Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	212	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Univent coil Leaking Steam And Condensate.
291823	Radiator Trap	Eastview / 2nd / 217 Library	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	87	87	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling.
291824	Univent	Eastview / 2nd / 217 Library	Right Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	211	178	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291825	Radiator Trap	Eastview / 2nd / 217 Library Office	Below Window, 0-5'	TS-A	Hoffman	17C	1/2"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. File Cabinet.
291826	Univent	Eastview / 2nd / 218	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	214	207	L	No Trap Station Components.
291831	Radiator Trap	Eastview / 2nd / 219	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	209	В	DDC Radiator Valve. No Trap Station Components.
291832	Radiator Trap	Eastview / 2nd / 219	Right Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	193	OK	Thermostatic Radiator Valve. No Trap Station Components.
291833	Univent	Eastview / 2nd / 219	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	210	177	OK	No Trap Station Components.
291828	Univent	Eastview / 2nd / 220	Univent, 0-5'	TS-S	Illinois	3GH	3/4"	2	211	184	OK	No Trap Station Components. Steam Trap Leaking Condensate.
291829	Radiator Trap	Eastview / 2nd / 220	Right Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	207	L	DDC Radiator Valve. No Trap Station Components.
292830	Radiator Trap	Eastview / 2nd / 220	Left Radiator, 0-5'	TS-A	Barnes & Jones	122	1/2"	2	211	188	ОК	Manual Radiator Valve. No Trap Station Components. Manual Valve Radiator Valve Leaking By

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# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information
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			Table 1: All S	steam	<u>i rap Surve</u>	<u>ey informa</u>	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		ıp °F Out	Result	Comments
291839	Radiator Trap	Eastview / 2nd / 221	Radiator, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	211	179	ОК	DDC Radiator Valve. No Trap Station Components.
291840	Univent	Eastview / 2nd / 221	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	176	ОК	No Trap Station Components.
291837	Radiator Trap	Eastview / 2nd / 221B	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	211	199	OK	Thermostatic Radiator Valve. No Trap Station Components.
291834	Univent	Eastview / 2nd / 222	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	88	88	Р	No Trap Station Components.
291835	Radiator Trap	Eastview / 2nd / 222	Right Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	198	OK	DDC Radiator Valve. No Trap Station Components.
291836	Radiator Trap	Eastview / 2nd / 222	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	206	L	Manual Radiator Valve. No Trap Station Components. Manual Valv Radiator Valve Leaking By
291841	Radiator Trap	Eastview / 2nd / 223	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	210	176	OK	Thermostatic Radiator Valve. No Trap Station Components.
291842	Radiator Trap	Eastview / 2nd / 223	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	183	OK	Thermostatic Radiator Valve. No Trap Station Components.
291843	Radiator Trap	Eastview / 2nd / 223	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	81	81	Р	Thermostatic Radiator Valve. No Trap Station Components.
291845	Radiator Trap	Eastview / 2nd / 224	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	194	ОК	DDC Radiator Valve. No Trap Station Components.
291846	Radiator Trap	Eastview / 2nd / 224	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	212	192	ОК	DDC Radiator Valve. No Trap Station Components.
291847	Radiator Trap	Eastview / 2nd / 224	Closet, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	208	L	Manual Radiator Valve. No Trap Station Components. Manual Valv Radiator Valve Leaking By
291850	Radiator Trap	Eastview / 2nd / 225	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	216	198	OK	DDC Radiator Valve. No Trap Station Components.
291851	Radiator Trap	Eastview / 2nd / 225	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	216	209	B	DDC Radiator Valve. No Trap Station Components.
291848	Radiator Trap	Eastview / 2nd / 226	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	208	B	DDC Radiator Valve. No Trap Station Components.
291853	Radiator Trap	Eastview / 2nd / 227B	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	206	L	DDC Radiator Valve. No Trap Station Components.
291852	Radiator Trap	Eastview / 2nd / 228	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	192	OK	DDC Radiator Valve. No Trap Station Components.

## 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	Т	able 1:	All	Steam	Trap	Survey	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291854	Radiator Trap	Eastview / 2nd / 229	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	216	209	В	DDC Radiator Valve. No Trap Station Components.
291859	Radiator Trap	Eastview / 2nd / 230	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	207	L	DDC Radiator Valve. No Trap Station Components.
291860	Radiator Trap	Eastview / 2nd / 230	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	199	OK	DDC Radiator Valve. No Trap Station Components.
291861	Radiator Trap	Eastview / 2nd / 230	Right Radiator, 0-5'	TS-A	Hoffman	17C	1/2"	2	92	89	Р	DDC Radiator Valve. No Trap Station Components.
291855	Radiator Trap	Eastview / 2nd / 231	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	89	82	Р	DDC Radiator Valve. No Trap Station Components.
291856	Radiator Trap	Eastview / 2nd / 231	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	207	В	DDC Radiator Valve. No Trap Station Components.
291863	Radiator Trap	Eastview / 2nd / 233	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	184	OK	DDC Radiator Valve. No Trap Station Components.
291864	Radiator Trap	Eastview / 2nd / 234	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	207	L	DDC Radiator Valve. No Trap Station Components.
291865	Radiator Trap	Eastview / 2nd / 235	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	196	OK	DDC Radiator Valve. No Trap Station Components.
291866	Radiator Trap	Eastview / 2nd / 235	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	198	OK	DDC Radiator Valve. No Trap Station Components.
291867	Radiator Trap	Eastview / 2nd / 235	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	186	OK	DDC Radiator Valve. No Trap Station Components.
291270	Radiator Trap	Eastview / 2nd / 236	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	209	В	DDC Radiator Valve. No Trap Station Components.
291871	Radiator Trap	Eastview / 2nd / 236	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	193	OK	DDC Radiator Valve. No Trap Station Components.
291872	Radiator Trap	Eastview / 2nd / 236	Left Radiator, 0-5'	TS-A	Barnes & Jones	1998	1/2"	2	213	198	OK	DDC Radiator Valve. No Trap Station Components.
291967	Radiator Trap	Eastview / 2nd / Boys Bathroom Across From 230	Above Back Ceiling Tile, Above Ceiling	TS-A	N/A	N/A	3/4"	3	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. They Built A Wall Around .
291808	Radiator Trap	Eastview / 2nd / Girls Bathroom Across From Gym	Below Window, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	190	OK	DDC Radiator Valve. Inlet Isolation.
291801	Radiator Trap	Eastview / 2nd / Hallway	Across From 203, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	200	ОК	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Open

## 2021 Steam Trap Efficiency Report

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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI		p °F Out	Result	Comments
291802	Radiator Trap	Eastview / 2nd / Hallway	Across From 207, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	78	78	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling.
291809	Radiator Trap	Eastview / 2nd / Hallway	Across From 211, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	211	186	OK	Thermostatic Radiator Valve. No Trap Station Components.
291819	Radiator Trap	Eastview / 2nd / Hallway	Outside 215, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	211	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
291827	Radiator Trap	Eastview / 2nd / Hallway	Outside 218, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	84	84	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
291838	Radiator Trap	Eastview / 2nd / Hallway	Across From 221, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	78	78	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling. Thermostatic Valve Stuc Closed
291844	Radiator Trap	Eastview / 2nd / Hallway	Stairwell By 224, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	134	83	Р	Thermostatic Radiator Valve. No Trap Station Components.
291857	Radiator Trap	Eastview / 2nd / Hallway	Across From 229 Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	189	OK	Thermostatic Radiator Valve. N Trap Station Components.
291858	Radiator Trap	Eastview / 2nd / Hallway	Across From 229 Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	91	89	Р	Thermostatic Radiator Valve. N Trap Station Components.
291868	Radiator Trap	Eastview / 2nd / Hallway	Stairwell F Left, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	195	OK	Thermostatic Radiator Valve. N Trap Station Components.
291869	Radiator Trap	Eastview / 2nd / Hallway	Stairwell F Right, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	207	L	Thermostatic Radiator Valve. N Trap Station Components.
291874	Radiator Trap	Eastview / 3rd / 301	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	99	98	NIS	Manual Radiator Valve. No Traj Station Components. Valved Ou Not Calling. Inlet Isolation Leaki Condensate. Manual Valve Stuc Closed
291875	Radiator Trap	Eastview / 3rd / 301	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	194	OK	DDC Radiator Valve. No Trap Station Components.
291876	Univent	Eastview / 3rd / 301	Univent, 0-5'	FT	Spirax Sarco	FT15	1"	2	214	191	OK	Inlet Isolation, Strainer, Blowdow Outlet Isolation.
291877	Radiator Trap	Eastview / 3rd / 301	Opposite Wall Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	96	96	NIS	DDC Radiator Valve. No Trap Station Components. Not Calling
291879	Radiator Trap	Eastview / 3rd / 302	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	186	OK	DDC Radiator Valve. No Trap Station Components.

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### 2021 Steam Trap Efficiency Report

	Table 1:	All S	team '	Trap	Survey	y Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291880	Univent	Eastview / 3rd / 302	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	210	179	OK	Outlet Isolation.
291881	Radiator Trap	Eastview / 3rd / 302	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	89	89	Р	DDC Radiator Valve. No Trap Station Components.
291878	Univent	Eastview / 3rd / 303	Left Of Univent, 0-5'	FT	Spirax Sarco	FT15	1"	2	213	200	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291883	Univent	Eastview / 3rd / 304	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	213	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291884	Radiator Trap	Eastview / 3rd / 304	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	210	B	DDC Radiator Valve. No Trap Station Components.
291885	Univent	Eastview / 3rd / 305	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	214	198	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291886	Univent	Eastview / 3rd / 306	Univent, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	210	179	ОК	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291887	Radiator Trap	Eastview / 3rd / 306	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	209	В	DDC Radiator Valve. No Trap Station Components.
291888	Drip Leg	Eastview / 3rd / 307 Bathroom	Below Window, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	214	188	ОК	No Trap Station Components.
291889	Radiator Trap	Eastview / 3rd / 307 Bathroom	Radiator, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	184	ОК	DDC Radiator Valve. No Trap Station Components.
291892	Radiator Trap	Eastview / 3rd / 309	Radiator, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	215	181	ОК	DDC Radiator Valve. No Trap Station Components.
291893	Univent	Eastview / 3rd / 309	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	191	ОК	Inlet Isolation, Strainer, Outlet Isolation.
291896	Radiator Trap	Eastview / 3rd / 310	Radiator, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	177	ОК	DDC Radiator Valve. No Trap Station Components.
291895	Univent	Eastview / 3rd / 310	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	199	ОК	Inlet Isolation, Outlet Isolation.
291899	Univent	Eastview / 3rd / 312	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	210	178	ОК	Inlet Isolation, Outlet Isolation.
291898	Univent	Eastview / 3rd / 313	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	189	ОК	Inlet Isolation, Outlet Isolation.
291901	Radiator Trap	Eastview / 3rd / 314	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	182	ОК	DDC Radiator Valve. No Trap Station Components.
291902	Univent	Eastview / 3rd / 314	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	186	OK	Inlet Isolation, Outlet Isolation.

# 2021 Steam Trap Efficiency Report

	,	Table 1	1:	All	Steam	Trap	Survey	Information	
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			Table 1: All S	iteam.	rrap Surve	y miorma	lion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291900	Univent	Eastview / 3rd / 315	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	183	OK	Inlet Isolation, Outlet Isolation.
291962	Radiator Trap	Eastview / 3rd / 315	Above Entrance, Above Ceiling	TS-A	Barnes & Jones	125	3/4"	3	215	187	OK	DDC Radiator Valve. No Trap Station Components.
291963	Radiator Trap	Eastview / 3rd / 315	Above Ceiling Tile Between Two Entrances, Above Ceiling	TS-A	Spirax Sarco	125	3/4"	3	200	89	Р	DDC Radiator Valve. No Trap Station Components.
291964	Radiator Trap	Eastview / 3rd / 315	Back Corner Left Of Univent, Above Ceiling	TS-A	Spirax Sarco	125	3/4"	3	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
291903	Radiator Trap	Eastview / 3rd / 316	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	188	OK	DDC Radiator Valve. No Trap Station Components.
291904	Univent	Eastview / 3rd / 316	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	214	178	OK	Inlet Isolation, Outlet Isolation.
291907	Univent	Eastview / 3rd / 317	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	211	176	OK	Inlet Isolation, Outlet Isolation.
291908	Univent	Eastview / 3rd / 318	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	184	OK	Inlet Isolation, Outlet Isolation.
291891	Radiator Trap	Eastview / 3rd / Girls Bathroom By 308	Below Window, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	194	OK	DDC Radiator Valve. No Trap Station Components.
291873	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Outside 302, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	94	89	Р	Thermostatic Radiator Valve. No Trap Station Components.
291882	Radiator Trap	Eastview / 3rd / Hallway	Outside 303, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	188	OK	Thermostatic Radiator Valve. No Trap Station Components.
291890	Radiator Trap	Eastview / 3rd / Hallway	Across From 308, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	179	OK	Thermostatic Radiator Valve. No Trap Station Components.
291897	Radiator Trap	Eastview / 3rd / Hallway	Across From 312, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	214	193	OK	Thermostatic Radiator Valve. No Trap Station Components.
291905	Radiator Trap	Eastview / 3rd / Hallway	Outside 316, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	188	OK	Thermostatic Radiator Valve. No Trap Station Components.
291906	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Across From 316, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	87	86	Р	Thermostatic Radiator Valve. No Trap Station Components.
291909	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Across From 319, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	206	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Leaking From Valve Body

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Trap Efficiency Report

			Table 1: All S	team [	<b>Frap Surve</b>	ey Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
292894	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Outside 309, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	91	91	Р	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Stuck Closed
291949	Radiator Trap	Eastview / 4th / Cafeteria	1st Radiator West Side, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	212	189	OK	DDC Radiator Valve. No Trap Station Components.
291950	Radiator Trap	Eastview / 4th / Cafeteria	West Side 2nd Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	212	188	OK	DDC Radiator Valve. No Trap Station Components.
291951	Radiator Trap	Eastview / 4th / Cafeteria	Back Wall Southwest Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	213	199	OK	DDC Radiator Valve. No Trap Station Components.
291952	Radiator Trap	Eastview / 4th / Cafeteria	Second Radiator From Southwest Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	214	188	OK	DDC Radiator Valve. No Trap Station Components.
291953	Radiator Trap	Eastview / 4th / Cafeteria	3rd Radiator From Southwest Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
291954	Radiator Trap	Eastview / 4th / Cafeteria	4th Radiator From Southwest Corner (Middle Of Wall), 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	214	199	NIS	DDC Radiator Valve. No Trap Station Components. Not Calling.
291955	Radiator Trap	Eastview / 4th / Cafeteria	2nd Radiator From Southeast Corner, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	180	80	Р	DDC Radiator Valve. No Trap Station Components.
291956	Radiator Trap	Eastview / 4th / Cafeteria	South Wall In Corner Southeast Corner, 0-5'	TS-A	Barnes & Jones	1929	3/4"	3	215	189	Р	DDC Radiator Valve. No Trap Station Components.
291957	Radiator Trap	Eastview / 4th / Cafeteria	2nd Radiator Against Southeast Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	215	180	Р	DDC Radiator Valve. No Trap Station Components.
291958	Radiator Trap	Eastview / 4th / Cafeteria	1st Radiator Against Southeast Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	3	160	80	Р	DDC Radiator Valve. No Trap Station Components.
291959	Drip Leg	Eastview / 4th / Cafeteria/Kitchen	Above Deep Sink, 10-15'	TS-A	Barnes & Jones	1721	1/2"	3	214	198	OK	No Trap Station Components.
291960	Radiator Trap	Eastview / 4th / Southeast Stairwell	On Platform, 10-15'	TS-A	Barnes & Jones	1721	3/4"	3	200	90	Р	DDC Radiator Valve. No Trap Station Components.
27768	Air Handling Unit	Eastview / Basement / Boiler Rm	Small Condensate Pump Next To AHU, 0-5'	FT	Spirax Sarco	FT15	1 1/4"	2	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
27769	Drip Leg	Eastview / Basement / Boiler Rm	Small Condensate Pump Next To AHU, 0-5'	FT	Spirax Sarco	FT15	3/4"	2	214	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
277761	Drip Leg	Eastview / Basement / Boiler Rm	Next To Boiler 1, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	2	213	200	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
277763	Drip Leg	Eastview / Basement / Boiler Rm	Above Boiler 1 Under Steam Header, 10-15'	FT	Barnes & Jones	FT2015-4	1"	2	NA	NA	NA	Inlet Isolation, Strainer, Blowdown. Will Require Staging To Access .

### 2021 Steam Trap Efficiency Report

			Table 1: All S	steam	i rap Surve	ey informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
277764	Drip Leg	Eastview / Basement / Boiler Rm	Above Boiler 2 Under Steam Main, Above 15'	FT	Barnes & Jones	FT2015-4	1"	2	NA	NA	NA	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Will Require Staging To Access.
277765	Drip Leg	Eastview / Basement / Boiler Rm	Front Of Boiler 2 Next To Exit Staircase, Above 15'	TS-A	Barnes & Jones	1998	3/4"	2	212	187	OK	No Trap Station Components.
277767	Drip Leg	Eastview / Basement / Boiler Rm	Above AHU, Above 15'	TS-A	Barnes & Jones	1998	3/4"	2	215	189	OK	No Trap Station Components.
296608	Drip Leg	Eastview / Basement / Boiler Rm	By Large Condensate Tank In Front Of Spiral Staircase, Above 15'	TS-A	N/A	NA	1"	2	138	90	Р	No Trap Station Components. Dirt Leg Plugged.
296609	Drip Leg	Eastview / Basement / Boiler Rm	Above Large Condensate Tank, Above 15'	TS-A	N/A	N/A	3/4"	2	NA	NA	NA	No Trap Station Components. Will Require Staging To Access.
296610	Drip Leg	Eastview / Basement / Girls Rm Below Auditorium Stairs	In Right Corner Above Stalls, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	213	213	L	No Trap Station Components.
296612	Radiator Trap	Eastview / Basement / Girls Rm Below Auditorium Stairs	Radiator Up Above, 5-10'	TS-A	Barnes & Jones	1712	1/2"	2	220	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
277779	Drip Leg	Eastview / Basement / Staff Break Rm	Back Corner Behind Cabinets, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	215	198	OK	No Trap Station Components.
27778	Drip Leg	Eastview / Basement / Staff Break Rm	Back Corner Behind Cabinets, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	214	212	L	No Trap Station Components.
277781	Drip Leg	Eastview / Basement / Staff Break Rm	Front Right Corner Above Flammable Storage, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	214	192	OK	No Trap Station Components.
277790	Drip Leg	Eastview / Basement / Staff Break Rm	By Middle Window, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	215	194	OK	No Trap Station Components.
277791	Drip Leg	Eastview / Basement / Storage Rm 020	Front Left Corner, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	216	187	OK	No Trap Station Components.
277792	Drip Leg	Eastview / Basement / Storage Rm 020	By Wood Door In Back Corner, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	214	193	OK	No Trap Station Components.
277793	Radiator Trap	Eastview / Basement / Storage Rm 020	Left Radiator Up Above, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
277794	Drip Leg	Eastview / Basement / Storage Rm 020	Drip Against Back Wall, 10-15'	TS-A	Barnes & Jones	1929	3/4"	2	214	198	OK	No Trap Station Components.
277795	Radiator Trap	Eastview / Basement / Storage Rm 020	Right Radiator Up Above, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	215	198	OK	Thermostatic Radiator Valve. No Trap Station Components.

Table 1: All Steam Trap Survey Information

# 2021 Steam Trap Efficiency Report

Table 1: All	Steam Traj	p Survey	Information	

	Г Г Г		Table 1: All S		rap Surve	y informa		~				
Tag #	Application	<b>Building / Floor / Room</b>	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
277796	Drip Leg	Eastview / Basement / Storage Rm 020	Back Right Corner Opposite Wooden Door, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	215	176	OK	No Trap Station Components.
277797	Drip Leg	Eastview / Basement / Storage Rm 020	Back Right Corner Opposite Wooden Door, 10-15'	TS-A	Spirax Sarco	A125	3/4"	2	215	187	OK	Outlet Isolation.
277798	Drip Leg	Eastview / Basement / Storage Rm 020	Back Right Corner Opposite Wooden Doo, 10-15'	TS-A	Barnes & Jones	1721	1/2"	2	216	198	OK	No Trap Station Components.
296655	Radiator Trap	Eastview / Basement / 007 Weight Rm	In Front Of Lockers, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	211	171	OK	Thermostatic Radiator Valve. No Trap Station Components.
296656	Drip Leg	Eastview / Basement / 007 Weight Rm	Left Of Lockers, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	213	209	В	No Trap Station Components.
296657	Drip Leg	Eastview / Basement / 007 Weight Rm	In Front Of Fire Pull, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	211	200	OK	No Trap Station Components. Outlet Union Leaking Condensate.
296658	Radiator Trap	Eastview / Basement / 007 Weight Rm	Center Of Rm, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	95	175	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling. Thermostatic Valve Stuck Closed
296659	Radiator Trap	Eastview / Basement / 007 Weight Rm	Right Far Wall, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	84	84	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling.
296660	Drip Leg	Eastview / Basement / 007 Weight Rm	Right Of Emergency Window, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	210	197	OK	No Trap Station Components.
296661	Drip Leg	Eastview / Basement / 007 Weight Rm	In Front Of Emergency Window, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	213	209	В	No Trap Station Components.
296662	Drip Leg	Eastview / Basement / 007 Weight Rm	Left Corner, 5-10'	TS-A	Barnes & Jones	147	1"	2	213	202	OK	No Trap Station Components.
296663	Radiator Trap	Eastview / Basement / 007 Weight Rm	Left Corner, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	199	161	OK	Thermostatic Radiator Valve. No Trap Station Components.
296664	Radiator Trap	Eastview / Basement / 007 Weight Rm Exit	In Front Of Exit, 5-10'	TS-A	Barnes & Jones	122	1/2"	2	211	178	OK	Thermostatic Radiator Valve. No Trap Station Components.
296665	Drip Leg	Eastview / Basement / 007 Weight Rm Storage	Right Corner, 5-10'	TS-A	Barnes & Jones	134	3/4"	2	213	208	L	No Trap Station Components.
296666	Radiator Trap	Eastview / Basement / 007 Weight Rm Storage	Back Wall, 5-10'	TS-A	Barnes & Jones	122	1/2"	2	211	169	OK	Thermostatic Radiator Valve. No Trap Station Components.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

## 2021 Steam Trap Efficiency Report

Table 1: Al	l Steam	<b>Trap Surv</b>	vey Information

			I able 1: All S	iteam.	rrap Surve	ey miorma	11011					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296667	Drip Leg	Eastview / Basement / 007 Weight Rm Storage	Back Wall, 5-10'	TS-A	Barnes & Jones	133	3/4"	2	213	194	OK	No Trap Station Components.
296668	Radiator Trap	Eastview / Basement / 007 Weight Rm Storage	Left Wall, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	210	173	OK	Thermostatic Radiator Valve. No Trap Station Components.
277783	Drip Leg	Eastview / Basement / 017	Right Wall, 5-10'	TS-A	Barnes & Jones	134	3/4"	2	212	200	OK	No Trap Station Components.
277786	Radiator Trap	Eastview / Basement / Bathroom	Left Of Door, 5-10'	TS-S	Barnes & Jones	5000	1/2"	2	80	80	Р	Thermostatic Radiator Valve. No Trap Station Components.
27787	Drip Leg	Eastview / Basement / Bathroom	Above Sink, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	199	OK	No Trap Station Components.
277762	Drip Leg	Eastview / Basement / Boiler Rm	Right Of Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
277766	Drip Leg	Eastview / Basement / Boiler Rm	In Front Of Boiler 1, Above 15'	TS-A	Barnes & Jones	1998	3/4"	2	212	190	OK	No Trap Station Components.
277770	Drip Leg	Eastview / Basement / Boiler Rm	Above AHU, Above 15'	TS-A	Barnes & Jones	134	3/4"	2	213	193	OK	No Trap Station Components.
296653	Radiator Trap	Eastview / Basement / Gym Boys Bathroom	In Front Of Urinals, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	210	168	OK	Thermostatic Radiator Valve. No Trap Station Components.
296654	Drip Leg	Eastview / Basement / Gym Boys Bathroom	In Front Of Stalls, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	140	132	Р	No Trap Station Components.
296651	Drip Leg	Eastview / Basement / Gym Girls Bathroom	Above Single Stall, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	213	200	OK	No Trap Station Components.
296652	Radiator Trap	Eastview / Basement / Gym Girls Bathroom	In Front Of Single Stall, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	211	182	OK	Thermostatic Radiator Valve. No Trap Station Components.
296648	Drip Leg	Eastview / Basement / Gym Office	Above Entry, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	208	L	No Trap Station Components.
296649	Radiator Trap	Eastview / Basement / Gym Office	In Front Of Bathroom Door, 5-10'	TS-A	Barnes & Jones	1821	1/2"	2	100	100	Р	Thermostatic Radiator Valve. No Trap Station Components.
296650	Radiator Trap	Eastview / Basement / Gym Office	Bathroom, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	212	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
277799	Radiator Trap	Eastview / Basement / Hallway	In Front Of Exit, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	212	186	OK	Thermostatic Radiator Valve. No Trap Station Components.
277782	Radiator Trap	Eastview / Basement / Light Bulb Rm	Center Of Rm, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	210	167	OK	Thermostatic Radiator Valve. No Trap Station Components.
277784	Radiator Trap	Eastview / Basement / Rm Outside Light Bulbs	Center Of Rm, 5-10'	TS-S	Barnes & Jones	5000	1/2"	2	212	171	OK	Thermostatic Radiator Valve. No Trap Station Components.

# 2021 Steam Trap Efficiency Report

	Table 1: A	Il Steam Tra	ap Survey Info	rmation
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			Table 1: All S			ey miorma	11011					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
296645	Drip Leg	Eastview / Basement / Stair A	Above Left Radiator, 5-10'	FT	Barnes & Jones	FT2015-4	1"	2	213	195	OK	No Trap Station Components.
296646	Radiator Trap	Eastview / Basement / Stair A	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	184	OK	Thermostatic Radiator Valve. No Trap Station Components.
296647	Radiator Trap	Eastview / Basement / Stair A	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	207	L	Thermostatic Radiator Valve. No Trap Station Components.
296669	Radiator Trap	Eastview / Basement / Stair B	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	191	OK	Thermostatic Radiator Valve. No Trap Station Components.
296670	Radiator Trap	Eastview / Basement / Stair B	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	110	173	Р	Thermostatic Radiator Valve. No Trap Station Components.
277790	Drip Leg	Eastview / Basement / Storage Below Stage	In Front Of Door To Stage, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	199	OK	No Trap Station Components.
277789	Radiator Trap	Eastview / Basement / Storage Below Stage	Center Of Rm, 5-10'	TS-A	Barnes & Jones	1721	1/2"	2	209	163	OK	Thermostatic Radiator Valve. No Trap Station Components.
277788	Drip Leg	Eastview / Basement / Storage Next To Light Bulb	Right Wall, 5-10'	TS-A	Barnes & Jones	1929	3/4"	2	212	202	OK	No Trap Station Components.
277771	Unit Heater	Eastview / Basement / Tank Rm	Above Tank, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	213	198	OK	Inlet Isolation, Strainer, Outlet Isolation.
277772	Drip Leg	Eastview / Basement / Tank Rm	FWD Left Of Tank, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	215	208	L	Inlet Isolation, Strainer, Outlet Isolation.
277773	Unit Heater	Eastview / Basement / Tank Rm	Above FWD End Of Tank, 10-15'	FT	Barnes & Jones	FT2015-3	3/4"	2	212	200	OK	Inlet Isolation, Strainer, Outlet Isolation.
277774	Drip Leg	Eastview / Basement / Tank Rm	Behind Tank, 10-15'	TS-A	Spirax Sarco	RTA-125	3/4"	2	171	157	OK	Inlet Isolation.
277775	Drip Leg	Eastview / Basement / Tank Rm	Back Wall Center, 5-10'	TS-A	Spirax Sarco	RTA-125	3/4"	2	210	164	OK	Inlet Isolation.
277776	Drip Leg	Eastview / Basement / Tank Rm	Back Wall Right, 5-10'	FT	Barnes & Jones	FT2015-3	3/4"	2	214	197	OK	Inlet Isolation, Strainer, Outlet Isolation.
277777	Drip Leg	Eastview / Basement / Tank Rm	Far Right Corner, 5-10'	TS-A	Spirax Sarco	RTA-125	3/4"	2	212	178	OK	Inlet Isolation.
296635	Air Handling Unit	Eastview / Mezzanine / Auditorium	AHU Rm Above Lights Rm For Auditorium, 0-5'	FT	Spirax Sarco	FT15	2"	2	214	189	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296636	Air Handling Unit	Eastview / Mezzanine / Auditorium	AHU Rm Above Lights Rm For Auditorium, 5-10'	FT	Spirax Sarco	FT15	2"	2	215	199	L	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296637	Air Handling Unit	Eastview / Mezzanine / Auditorium	AHU Rm Above Lights Rm For Auditorium, 5-10'	FT	Spirax Sarco	FT15	2"	2	214	188	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.

## 2021 Steam Trap Efficiency Report

			Table 1: All S			y morma						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model	Pipe Size	System PSI		p °F Out	Result	Comments
296638	Air Handling Unit	Eastview / Mezzanine / Auditorium	AHU Rm Above Lights Rm For Auditorium AHU Rm Above Lights Rm For Auditorium, 5-10'	FT	Spirax Sarco	FT15	2"	2	214	199	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
296631	Radiator Trap	Eastview / Upper Level / Auditorium	South Side Upper Seating, 0-5'	TS-A	Hoffman	8C	3/4"	2	215	180	ОК	Thermostatic Radiator Valve. No Trap Station Components.
296632	Radiator Trap	Eastview / Upper Level / Auditorium	Girls Bathroom, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out. Thermostatic Valve Stuck Closed
296633	Radiator Trap	Eastview / Upper Level / Auditorium	North Wall Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	212	177	ОК	Thermostatic Radiator Valve. No Trap Station Components.
296634	Radiator Trap	Eastview / Upper Level / Auditorium	Boys Bathroom, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	100	Р	Thermostatic Radiator Valve. No Trap Station Components.
291965	Radiator Trap	Eastview / 2nd / Boys Bathroom Next To 2001	Above Window, Above Ceiling	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	178	ОК	DDC Radiator Valve. Inlet Isolation, Strainer, Outlet Isolation.
291966	Radiator Trap	Eastview / 2nd / Girls Bathroom Next To 221	Above Window, Above Ceiling	TS-A	Spirax Sarco	RTA-125	3/4"	2	215	182	ОК	DDC Radiator Valve. Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
291910	Radiator Trap	Eastview / 3rd / 319	Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	78	76	Р	DDC Radiator Valve. No Trap Station Components.
291911	Univent	Eastview / 3rd / 319	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	214	186	ОК	Inlet Isolation, Outlet Isolation.
291912	Univent	Eastview / 3rd / 320	Right Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	66	66	Р	Inlet Isolation, Outlet Isolation.
291913	Radiator Trap	Eastview / 3rd / 320	Right Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	213	184	ОК	DDC Radiator Valve. No Trap Station Components.
291914	Univent	Eastview / 3rd / 320	Left Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	212	184	ОК	Inlet Isolation, Outlet Isolation.
291915	Radiator Trap	Eastview / 3rd / 320	Left Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	76	76	Р	DDC Radiator Valve. No Trap Station Components.
291917	Radiator Trap	Eastview / 3rd / 321	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	195	ОК	Thermostatic Radiator Valve. No Trap Station Components.
291918	Radiator Trap	Eastview / 3rd / 321	Right Radiator, 0-5'	TS-A	Barnes & Jones	1929	3/4"	2	215	191	OK	DDC Radiator Valve. No Trap Station Components.
291919	Univent	Eastview / 3rd / 321	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	178	OK	Inlet Isolation, Outlet Isolation.

**Table 1: All Steam Trap Survey Information** 

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

# 2021 Steam Trap Efficiency Report

Table 1: All Steam Trap Survey Information	1	Fable 1:	All	Steam	Trap	Survey	Information
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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model		System PSI	Tem In		Result	Comments
291920	Radiator Trap	Eastview / 3rd / 322	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213		ОК	Manual Radiator Valve. No Trap Station Components. Manual Valve Stuck Open
291921	Radiator Trap	Eastview / 3rd / 322	Right Radiator, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	213	194	OK	DDC Radiator Valve. No Trap Station Components.
291922	Univent	Eastview / 3rd / 322	Univent, 0-5'	TS-A	Spirax Sarco	RTA-125	3/4"	2	210	182	ОК	Inlet Isolation, Outlet Isolation.
291923	Radiator Trap	Eastview / 3rd / 324	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	182	OK	Thermostatic Radiator Valve. No Trap Station Components.
291924	Radiator Trap	Eastview / 3rd / 324	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	81	80	Р	Thermostatic Radiator Valve. No Trap Station Components.
291928	Radiator Trap	Eastview / 3rd / 325	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	186	OK	Thermostatic Radiator Valve. No Trap Station Components.
329327	Radiator Trap	Eastview / 3rd / 325	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	207	L	Thermostatic Radiator Valve. No Trap Station Components.
291931	Radiator Trap	Eastview / 3rd / 3256	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	209	В	DDC Radiator Valve. No Trap Station Components.
291926	Radiator Trap	Eastview / 3rd / 325B	Closet, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	78	78	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out. Manual Valve Stuck Closed
291929	Radiator Trap	Eastview / 3rd / 327	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	189	ОК	DDC Radiator Valve. No Trap Station Components.
291930	Radiator Trap	Eastview / 3rd / 327	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	199	ОК	DDC Radiator Valve. No Trap Station Components.
291932	Radiator Trap	Eastview / 3rd / 328	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	192	ОК	DDC Radiator Valve. No Trap Station Components.
291933	Radiator Trap	Eastview / 3rd / 329	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	189	ОК	DDC Radiator Valve. No Trap Station Components.
291934	Radiator Trap	Eastview / 3rd / 329	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	200	ОК	DDC Radiator Valve. No Trap Station Components.
291935	Radiator Trap	Eastview / 3rd / 329	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	194	OK	DDC Radiator Valve. No Trap Station Components.
291936	Radiator Trap	Eastview / 3rd / 330	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	197	OK	DDC Radiator Valve. No Trap Station Components.
291937	Radiator Trap	Eastview / 3rd / 331	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	209	В	DDC Radiator Valve. No Trap Station Components.

## 2021 Steam Trap Efficiency Report

	Table 1: A	All Steam	<b>Trap Surv</b>	vey Information
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			Table 1: All S			y mioi ma					-	
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291938	Radiator Trap	Eastview / 3rd / 331	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214		OK	DDC Radiator Valve. No Trap Station Components.
291939	Radiator Trap	Eastview / 3rd / 333	Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	211	В	DDC Radiator Valve. No Trap Station Components.
291940	Radiator Trap	Eastview / 3rd / 334	Left Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	192	OK	DDC Radiator Valve. No Trap Station Components.
291941	Radiator Trap	Eastview / 3rd / 334	Middle Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	913	OK	DDC Radiator Valve. No Trap Station Components.
291942	Radiator Trap	Eastview / 3rd / 334	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	208	L	DDC Radiator Valve. No Trap Station Components.
291944	Radiator Trap	Eastview / 3rd / 335	Right Radiator, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	207	L	DDC Radiator Valve. No Trap Station Components.
291916	Radiator Trap	Eastview / 3rd / Hallway	Outside 319, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	218	208	L	Thermostatic Radiator Valve. No Trap Station Components.
291925	Radiator Trap	Eastview / 3rd / Hallway	Stairwell At 325, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	215	181	OK	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Leaking From Valve Body
291943	Radiator Trap	Eastview / 3rd / Hallway	Stairwell At 334, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	207	L	Thermostatic Radiator Valve. No Trap Station Components. Thermostatic Valve Radiator Valve Leaking By
291948	Radiator Trap	Eastview / 4th / Cafeteria	1st On Right Wall, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	213	183	OK	DDC Radiator Valve. No Trap Station Components.
291961	Radiator Trap	Eastview / 4th / Cafeteria Office	Below Window, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	214	208	L	DDC Radiator Valve. No Trap Station Components.
291947	Radiator Trap	Eastview / 4th / Stairwell D	Landing, 0-5'	TS-A	Barnes & Jones	1721	1/2"	2	76	76	NIS	Thermostatic Radiator Valve. No Trap Station Components. Not Calling. Thermostatic Valve Stuck Closed
291973	Air Handling Unit	Eastview / Basement / G001 Fan Rm	Upper Gym AHU, 0-5'	FT	Spirax Sarco	FTI-15	1"	2	164	157	OK	Strainer, Blowdown.
291974	Air Handling Unit	Eastview / Basement / G001 Fan Rm	Lower Gym AHU, 0-5'	FT	Spirax Sarco	FTI-15	1"	2	214	199	OK	Strainer, Blowdown.
291945	Air Handling Unit	Eastview / PH / Penthouse	ERU 1, 0-5'	FT	Watts	WFT	2"	2	172	164	OK	No Trap Station Components.

# 2021 Steam Trap Efficiency Report

			Table 1: All S	steam '	<b>Frap Surve</b>	y Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
291946	Air Handling Unit	Eastview / PH / Penthouse	ERU 2, 0-5'	FT	Watson McDaniel	WFT	2"	2	167	158	OK	Inlet Isolation, Strainer, Outlet Isolation.
291972	Unit Heater	Locker Room / Ground / Hallway	Outside Boys Bathroom In Locker Rm, Above Ceiling	TS-A	Barnes & Jones	5007	1/2"	3	80	80	NIS	No Trap Station Components. Valved Out.
291998	Drip Leg	Youth Building / Ground / Leadership And Counseling Rm	Against Back Wall Above Ceiling Tile, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	215	200	OK	No Trap Station Components.
255749	Drip Leg	Youth Building / Ground / Computer Rm	Front Right Corner Of Rm, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	214	177	OK	No Trap Station Components.
255752	Radiator Trap	Youth Building / Ground / Computer Rm	Against Left Wall Behind Computers, 0-5'	TS-A	Barnes & Jones	3146	3/4"	3	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
291992	Radiator Trap	Youth Building / Ground / Copy Rm	Radiator On Wall, 0-5'	TS-A	Barnes & Jones	1998	3/4"	3	213	178	OK	Thermostatic Radiator Valve. No Trap Station Components.
291994	Drip Leg	Youth Building / Ground / Copy Rm	In Corner Above Ceiling, 0-5'	TS-A	Barnes & Jones	1998	3/4"	3	215	212	L	No Trap Station Components.
291987	Drip Leg	Youth Building / Ground / Directors Office	Above Desk Middle Of Rm, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	215	189	OK	No Trap Station Components.
291988	Radiator Trap	Youth Building / Ground / Directors Office	Radiator Above Ceiling Against Left Wall, Above Ceiling	TS-A	Barnes & Jones	1908	1/2"	3	215	199	ОК	Pneumatic Radiator Valve. No Trap Station Components.
291975	Radiator Trap	Youth Building / Ground / Gym	Radiator Above Southwest Wall, 10-15'	TS-A	Barnes & Jones	1998	1/2"	3	215	180	ОК	DDC Radiator Valve. No Trap Station Components.
291976	Drip Leg	Youth Building / Ground / Gym	Southwest Wall Above Window, 10-15'	TS-A	Barnes & Jones	1998	3/4"	3	214	198	OK	No Trap Station Components.
291977	Drip Leg	Youth Building / Ground / Gym	Above Emergency Exit Door, 10-15'	TS-A	Barnes & Jones	1985	3/4"	3	215	214	L	No Trap Station Components.
291978	Radiator Trap	Youth Building / Ground / Gym	Radiator Above Mirrored Back Wall, 10-15'	TS-A	Barnes & Jones	1908	1/2"	3	215	190	OK	DDC Radiator Valve. No Trap Station Components.
291980	Radiator Trap	Youth Building / Ground / Gym	Radiator In Front Of Storage Closet, 10-15'	TS-A	Barnes & Jones	1908	1/2"	3	214	198	OK	DDC Radiator Valve. No Trap Station Components.
291981	Drip Leg	Youth Building / Ground / Gym	In Front Of Storage Closet, 10-15'	TS-A	Barnes & Jones	1998	3/4"	3	214	188	ОК	No Trap Station Components.
291982	Radiator Trap	Youth Building / Ground / Gym	In Storage Closet, 10-15'	TS-A	Barnes & Jones	1908	1/2"	3	215	180	OK	DDC Radiator Valve. No Trap Station Components.

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# 2021 Steam Trap Efficiency Report

			Table 1: All S	steam [	Г <mark>rap Surv</mark> e	y Informa	tion					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	-	Result	Comments
255748	Drip Leg	Youth Building / Ground / Hallway	End Of Hallway Outside Computer Rm, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	214	214	L	No Trap Station Components.
255753	Drip Leg	Youth Building / Ground / Hallway	Storage Closet End Of Hallway By Computer Rm, 5-10'	TS-A	Warren Webster	544	1"	3	216	212	L	No Trap Station Components.
255742	Drip Leg	Youth Building / Ground / Leadership And Counseling Rm	Right Side Of Rm Above Divider Wall, Above Ceiling	TS-A	Warren Webster	N04	3/4"	3	215	180	OK	No Trap Station Components.
291997	Drip Leg	Youth Building / Ground / Leadership And Counseling Rm	Above Left Divider Wall, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	215	190	OK	No Trap Station Components.
291999	Drip Leg	Youth Building / Ground / Leadership And Counseling Rm	Against Back Wall Above Ceiling, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	215	199	OK	No Trap Station Components.
292000	Radiator Trap	Youth Building / Ground / Leadership And Counseling Rm	Radiator Against Back Wall, 0-5'	TS-A	Hoffman	17C	1/2"	3	214	189	OK	Thermostatic Radiator Valve. No Trap Station Components.
255746	Drip Leg	Youth Building / Ground / Staff Lounge	Against Back Wall, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	3	214	187	ОК	No Trap Station Components.
255747	Radiator Trap	Youth Building / Ground / Staff Lounge	Radiator On Wall, 0-5'	TS-A	Hoffman	17C	1/2"	3	215	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
291979	Drip Leg	Youth Building / Ground / Water Meter Rm	Back Corner, 10-15'	TS-A	Barnes & Jones	1998	3/4"	3	216	177	OK	No Trap Station Components.
255745	Radiator Trap	Youth Building / Ground / After School Center	Above Printer, Above Ceiling	TS-A	Barnes & Jones	1998	1/2"	2	106	104	Р	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open
291986	Radiator Trap	Youth Building / Ground / Business Assistant	Between Desks, Above Ceiling	TS-A	Warren Webster	513	3/4"	2	98	96	Р	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open
255750	Drip Leg	Youth Building / Ground / Computer Rm	2 Panels From Far Corner, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	215	207	L	No Trap Station Components.
255751	Drip Leg	Youth Building / Ground / Computer Rm	Far Right Corner, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	215	208	L	No Trap Station Components.
291989	Drip Leg	Youth Building / Ground / Deputy Director	3rd Tile From AC, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	213	207	L	No Trap Station Components.

			Table 1: All S	oteann .	rrap Surve	y morma						
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type		Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
291990	Radiator Trap	Youth Building / Ground / Deputy Director	End Of Desk, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	214	198	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open
291991	Drip Leg	Youth Building / Ground / Ladder Storage Closet	Left Wall, 5-10'	TS-A	Warren Webster	544	1"	2	216	211	В	No Trap Station Components.
255743	Drip Leg	Youth Building / Ground / Large Conference Rm	Left Of Window, Above Ceiling	TS-A	Warren Webster	533	3/4"	2	216	207	L	No Trap Station Components.
255744	Drip Leg	Youth Building / Ground / Large Conference Rm	Left Of Window, Above Ceiling	TS-A	Warren Webster	513	3/4"	2	215	209	В	No Trap Station Components.
291995	Drip Leg	Youth Building / Ground / Large Conference Rm	Right Of Window, Above Ceiling	TS-A	Warren Webster	513	3/4"	2	216	209	В	No Trap Station Components.
291984	Drip Leg	Youth Building / Ground / Neighborhood Services	Above Desk, Above Ceiling	TS-A	Barnes & Jones	1997	3/4"	2	214	196	OK	No Trap Station Components.
291985	Drip Leg	Youth Building / Ground / Neighborhood Services	Above Ac, Above Ceiling	TS-A	Spirax Sarco	RTA-125	3/4"	2	91	91	Р	Outlet Isolation.
291983	Drip Leg	Youth Building / Ground / Reception	Above Fire Extinguisher, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	215	193	OK	No Trap Station Components.
291993	Radiator Trap	Youth Building / Ground / Women's Bathroom	Above Soap, Above Ceiling	TS-A	Barnes & Jones	1998	3/4"	2	214	207	L	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open

#### **Table 1: All Steam Trap Survey Information**

### Table 2: Blowing, Leaking, and Plugged Traps

# Table 2: Blowing, Leaking, and Plugged Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System	Pipe	Conn	Result	Install/Access Issues
$1 \text{ ag } \pi$	Application	Dununig / Floor / Room			Model		PSI	Size	Туре	Kesuit	
277862	Radiator Trap	Eastview / 1st / 107	Radiator Next To Univent, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, System Shutdown Required
277868	Radiator Trap	Eastview / 1st / 110	Radiator On Wall, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, System Shutdown Required
296627	Radiator Trap	Eastview / 1st / 115D	Front Of Entrance, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, System Shutdown Required
296629	Radiator Trap	Eastview / 1st / 115E	Back Wall Under Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Full Trap, System Shutdown Required
277891	Radiator Trap	Eastview / 1st / 121	Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Full Trap, System Shutdown Required
296679	Radiator Trap	Eastview / 1st / 131	Radiator Trap Above Sink, 5-10'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
296883	Radiator Trap	Eastview / 1st / 135	Radiator Against Back Windows, 10-15'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Full Trap, System Shutdown Required
296614	Radiator Trap	Eastview / 1st / Auditorium	North Side 2nd Radiator From Stage, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Full Trap, System Shutdown Required, Will Need Drill To Unscrew About 12 Screws
296618	Radiator Trap	Eastview / 1st / Auditorium	South Wall Third Radiator From Stage, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Full Trap, Difficult Access, System Shutdown Required
296642	Radiator Trap	Eastview / 1st / Entrance 3 Vestibule	Right Side Upon Entrance, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
277855	Radiator Trap	Eastview / 1st / Hallway	Stairwell By 101, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
296691	Radiator Trap	Eastview / 2nd / 203	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
296692	Univent	Eastview / 2nd / 203	Univent, 0-5'	Armstrong	20	Thermostatic Straight	2	3/4"	NPT	Р	Full Trap, Difficult Access, Scheduling Issues
296693	Radiator Trap	Eastview / 2nd / 203	Middle Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	В	Repair Kit, Scheduling Issues
296694	Radiator Trap	Eastview / 2nd / 203	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Difficult Access, Scheduling Issues
296695	Radiator Trap	Eastview / 2nd / 204	Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Scheduling Issues

Result Key: B= Blowing L= Leaking P= Plugged

Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### 2021 Steam Efficiency Report

			Table 2: Blow	ving, Leakin	ng, and Plu	gged Traps			-		
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
291805	Radiator Trap	Eastview / 2nd / 207	Radiator, 0-5'	Barnes & Jones	1998	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291814	Radiator Trap	Eastview / 2nd / 212	Radiator, 0-5'	Barnes & Jones	134	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues
291816	Radiator Trap	Eastview / 2nd / 214	Radiator, 0-5'	Watts	3GH	Thermostatic Straight	2	3/4"	NPT	Р	Full Trap, Difficult Access, Scheduling Issues
291826	Univent	Eastview / 2nd / 218	Univent, 0-5'	Spirax Sarco	RTA-125	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues
291831	Radiator Trap	Eastview / 2nd / 219	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291829	Radiator Trap	Eastview / 2nd / 220	Right Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues
291834	Univent	Eastview / 2nd / 222	Univent, 0-5'	Spirax Sarco	RTA-125	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
291836	Radiator Trap	Eastview / 2nd / 222	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291843	Radiator Trap	Eastview / 2nd / 223	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291847	Radiator Trap	Eastview / 2nd / 224	Closet, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291851	Radiator Trap	Eastview / 2nd / 225	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291848	Radiator Trap	Eastview / 2nd / 226	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291853	Radiator Trap	Eastview / 2nd / 227B	Below Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291854	Radiator Trap	Eastview / 2nd / 229	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291859	Radiator Trap	Eastview / 2nd / 230	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
291861	Radiator Trap	Eastview / 2nd / 230	Right Radiator, 0-5'	Hoffman	17C	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291855	Radiator Trap	Eastview / 2nd / 231	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291856	Radiator Trap	Eastview / 2nd / 231	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues

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American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2: Blow	ing, Leakin	g, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
291864	Radiator Trap	Eastview / 2nd / 234	Below Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291270	Radiator Trap	Eastview / 2nd / 236	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291827	Radiator Trap	Eastview / 2nd / Hallway	Outside 218, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291844	Radiator Trap	Eastview / 2nd / Hallway	Stairwell By 224, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291858	Radiator Trap	Eastview / 2nd / Hallway	Across From 229 Left, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291869	Radiator Trap	Eastview / 2nd / Hallway	Stairwell F Right, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Difficult Access
291881	Radiator Trap	Eastview / 3rd / 302	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, No Issues
291884	Radiator Trap	Eastview / 3rd / 304	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291887	Radiator Trap	Eastview / 3rd / 306	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, No Issues
291963	Radiator Trap	Eastview / 3rd / 315	Above Ceiling Tile Between Two Entrances, Above Ceiling	Spirax Sarco	125	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, System Shutdown Required
291873	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Outside 302, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, No Issues
291906	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Across From 316, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, No Issues
291909	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Across From 319, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
292894	Radiator Trap	Eastview / 3rd / Hallway	Stairwell Outside 309, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, No Issues
291955	Radiator Trap	Eastview / 4th / Cafeteria	2nd Radiator From Southeast Corner, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, System Shutdown Required
291956	Radiator Trap	Eastview / 4th / Cafeteria	South Wall In Corner Southeast Corner, 0-5'	Barnes & Jones	1929	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, System Shutdown Required
291957	Radiator Trap	Eastview / 4th / Cafeteria	2nd Radiator Against Southeast Wall, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, System Shutdown Required
291958	Radiator Trap	Eastview / 4th / Cafeteria	1st Radiator Against Southeast Wall, 0-5'	Barnes & Jones	1721	Thermostatic Angle	3	1/2"	NPT	Р	Repair Kit, System Shutdown Required

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Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2: Blow	ing, Leakir	ig, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
291960	Radiator Trap	Eastview / 4th / Southeast Stairwell	On Platform, 10-15'	Barnes & Jones	1721	Thermostatic Angle	3	3/4"	NPT	Р	Repair Kit, No Issues
296608	Drip Leg	Eastview / Basement / Boiler Rm	By Large Condensate Tank In Front Of Spiral Staircase, Above 15'	N/A	NA	Thermostatic Angle	2	1"	NPT	Р	Full Trap, Lift Required, Difficult Access, System Shutdown Required, May Require Scaffolding As Lift Will Be Difficult To Get Down To Boiler Room
296610	Drip Leg	Eastview / Basement / Girls Rm Below Auditorium Stairs	In Right Corner Above Stalls, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, System Shutdown Required
27778	Drip Leg	Eastview / Basement / Staff Break Rm	Back Corner Behind Cabinets, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, System Shutdown Required
296656	Drip Leg	Eastview / Basement / 007 Weight Rm	Left Of Lockers, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	В	Repair Kit, Difficult Access
296661	Drip Leg	Eastview / Basement / 007 Weight Rm	In Front Of Emergency Window, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	В	Repair Kit, Difficult Access
296665	Drip Leg	Eastview / Basement / 007 Weight Rm Storage	Right Corner, 5-10'	Barnes & Jones	134	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Difficult Access
277786	Radiator Trap	Eastview / Basement / Bathroom	Left Of Door, 5-10'	Barnes & Jones	5000	Thermostatic Straight	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
296654	Drip Leg	Eastview / Basement / Gym Boys Bathroom	In Front Of Stalls, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, No Issues
296648	Drip Leg	Eastview / Basement / Gym Office	Above Entry, 5-10'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues
296649	Radiator Trap	Eastview / Basement / Gym Office	In Front Of Bathroom Door, 5-10'	Barnes & Jones	1821	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
296647	Radiator Trap	Eastview / Basement / Stair A	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
296670	Radiator Trap	Eastview / Basement / Stair B	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
277772	Drip Leg	Eastview / Basement / Tank Rm	FWD Left Of Tank, 10-15'	Barnes & Jones	FT2015-3	Float & Thermostatic	2	3/4"	NPT	L	Repair Kit, Difficult Access, Ladder In Boiler Room
296636	Air Handling Unit	Eastview / Mezzanine / Auditorium	AHU Rm Above Lights Rm For Auditorium, 5-10'	Spirax Sarco	FT15	Float & Thermostatic	2	2"	NPT	L	Repair Kit, No Issues
296634	Radiator Trap	Eastview / Upper Level / Auditorium	Boys Bathroom, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, No Issues

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### 2021 Steam Efficiency Report

			Table 2: Blow	ing, Leakii	ng, and Plu	gged Traps			-		
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	<b>Install/Access Issues</b>
291910	Radiator Trap	Eastview / 3rd / 319	Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
291912	Univent	Eastview / 3rd / 320	Right Univent, 0-5'	Spirax Sarco	RTA-125	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Scheduling Issues
291915	Radiator Trap	Eastview / 3rd / 320	Left Radiator, 0-5'	Barnes & Jones	1929	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Scheduling Issues
291924	Radiator Trap	Eastview / 3rd / 324	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
329327	Radiator Trap	Eastview / 3rd / 325	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291931	Radiator Trap	Eastview / 3rd / 3256	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	B	Repair Kit, Scheduling Issues
291937	Radiator Trap	Eastview / 3rd / 331	Left Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291939	Radiator Trap	Eastview / 3rd / 333	Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	В	Repair Kit, Scheduling Issues
291942	Radiator Trap	Eastview / 3rd / 334	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
291944	Radiator Trap	Eastview / 3rd / 335	Right Radiator, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291916	Radiator Trap	Eastview / 3rd / Hallway	Outside 319, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
291943	Radiator Trap	Eastview / 3rd / Hallway	Stairwell At 334, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
291961	Radiator Trap	Eastview / 4th / Cafeteria Office	Below Window, 0-5'	Barnes & Jones	1721	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, Scheduling Issues
291994	Drip Leg	Youth Building / Ground / Copy Rm	In Corner Above Ceiling, 0-5'	Barnes & Jones	1998	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
291977	Drip Leg	Youth Building / Ground / Gym	Above Emergency Exit Door, 10-15'	Barnes & Jones	1985	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
255748	Drip Leg	Youth Building / Ground / Hallway	End Of Hallway Outside Computer Rm, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	3	3/4"	NPT	L	Repair Kit, System Shutdown Required
255753	Drip Leg	Youth Building / Ground / Hallway	Storage Closet End Of Hallway By Computer Rm, 5-10'	Warren Webster	544	Thermostatic Angle	3	1"	NPT	L	Repair Kit, Difficult Access, Little Room To Maneuver Between Closet Walls And Will Have To Clear Out Closet

Result Key: B= Blowing L= Leaking P= Plugged Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

American Plant Maintenance, LLC.

### 2021 Steam Efficiency Report

			Table 2: Blow	ing, Leakir	ng, and Plu	gged Traps					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Trap Type	System PSI		Conn Type	Result	Install/Access Issues
255745	Radiator Trap	Youth Building / Ground / After School Center	Above Printer, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	2	1/2"	NPT	Р	Repair Kit, Scheduling Issues
291986	Radiator Trap	Youth Building / Ground / Business Assistant	Between Desks, Above Ceiling	Warren Webster	513	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Difficult Access, Scheduling Issues
255750	Drip Leg	Youth Building / Ground / Computer Rm	2 Panels From Far Corner, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues, System Shutdown Required
255751	Drip Leg	Youth Building / Ground / Computer Rm	Far Right Corner, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues, System Shutdown Required
291989	Drip Leg	Youth Building / Ground / Deputy Director	3rd Tile From Ac, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Difficult Access, Scheduling Issues
291991	Drip Leg	Youth Building / Ground / Ladder Storage Closet	Left Wall, 5-10'	Warren Webster	544	Thermostatic Angle	2	1"	NPT	В	Full Trap, System Shutdown Required
255743	Drip Leg	Youth Building / Ground / Large Conference Rm	Left Of Window, Above Ceiling	Warren Webster	533	Thermostatic Angle	2	3/4"	NPT	L	Full Trap, Scheduling Issues, System Shutdown Required
255744	Drip Leg	Youth Building / Ground / Large Conference Rm	Left Of Window, Above Ceiling	Warren Webster	513	Thermostatic Angle	2	3/4"	NPT	В	Repair Kit, Scheduling Issues, System Shutdown Required
291995	Drip Leg	Youth Building / Ground / Large Conference Rm	Right Of Window, Above Ceiling	Warren Webster	513	Thermostatic Angle	2	3/4"	NPT	В	Full Trap, Scheduling Issues, System Shutdown Required
291985	Drip Leg	Youth Building / Ground / Neighborhood Services	Above AC, Above Ceiling	Spirax Sarco	RTA-125	Thermostatic Angle	2	3/4"	NPT	Р	Repair Kit, Scheduling Issues
291993	Radiator Trap	Youth Building / Ground / Women's Bathroom	Above Soap, Above Ceiling	Barnes & Jones	1998	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Scheduling Issues

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#### Table 1: All Steam Trap Survey Information

# **3. GATHERED DATA**

### Table 1: All Steam Trap Survey Information Sorted by Trap Tag Number

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
269254	Radiator Trap	Main / 2nd / 210 Main Office	Under Left Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	216	197	OK	Thermostatic Radiator Valve. No Trap Station Components.
269255	Radiator Trap	Main / 2nd / 210 Main Office	Under Right Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	212	180	OK	Thermostatic Radiator Valve. No Trap Station Components.
269256	Radiator Trap	Main / 2nd / 210 Main Office	Principal's Office, 0-5'	TS-A	Warren Webster	523	3/4"	2	214	197	OK	Thermostatic Radiator Valve. No Trap Station Components.
269257	Radiator Trap	Main / 2nd / 210 Main Office	Conference Rm, 0-5'	TS-A	Warren Webster	523	3/4"	2	213	187	OK	Pneumatic Radiator Valve. No Trap Station Components.
269258	Radiator Trap	Main / 2nd / 210 Main Office	Vice Principal's Office, 0-5'	TS-A	Barnes & Jones	134	3/4"	2	215	189	L	Pneumatic Radiator Valve. No Trap Station Components.
269250	Radiator Trap	Main / 2nd / 211 Nurse's Office	Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	215	198	OK	Thermostatic Radiator Valve. No Trap Station Components.
269260	Univent	Main / 2nd / 213	Univent, 0-5'	TS-A	Hoffman	8C	3/4"	2	214	178	OK	No Trap Station Components.
269261	Radiator Trap	Main / 2nd / 213	Radiator Behind Cabinet, 0-5'	TS-A	Warren Webster	523	3/4"	2	217	215	L	DDC Radiator Valve. No Trap Station Components.
269248	Univent	Main / 2nd / 214	Univent, 0-5'	TS-A	Barnes & Jones	134	3/4"	2	214	198	OK	No Trap Station Components.
269249	Radiator Trap	Main / 2nd / 214	Radiator Right Window, 0-5'	TS-A	Warren Webster	512	3/4"	2	215	178	OK	DDC Radiator Valve. No Trap Station Components.
269259	Radiator Trap	Main / 2nd / 215 Girl's Bathroom	Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	220	187	OK	Pneumatic Radiator Valve. No Trap Station Components.
269243	Univent	Main / 2nd / 216	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	217	180	OK	No Trap Station Components.
269244	Radiator Trap	Main / 2nd / 216	Radiator Right Side, 0-5'	TS-A	Warren Webster	523	3/4"	2	214	188	OK	DDC Radiator Valve. No Trap Station Components.
269247	Radiator Trap	Main / 2nd / 219 Boy's Bathroom	Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	216	199	OK	Pneumatic Radiator Valve. No Trap Station Components.
269245	Univent	Main / 2nd / 223	Univent, 0-5'	TS-A	Hoffman	8C	3/4"	2	214	198	NIS	No Trap Station Components. Valved Out.
269246	Radiator Trap	Main / 2nd / 223	Radiator Left Window, 0-5'	TS-A	Warren Webster	523	3/4"	2	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.

### **George Washington School**

### 2021 Steam Trap Efficiency Report

	Table 1:	<b>All Steam</b>	<b>Trap Sur</b>	rvey Inform	ation
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			I abi	e I: Al	i Steam I ra	ip Survey I	morma					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
269241	Radiator Trap	Main / 2nd / Exit 15	Right Side, 0-5'	TS-A	Warren Webster	512	1/2"	2	80	80	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out.
269242	Radiator Trap	Main / 2nd / Exit 15	Left Side, 0-5'	TS-A	Warren Webster	512	1/2"	2	80	80	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out.
269252	Radiator Trap	Main / 2nd / Hallway	Outside Nurse's Office, 5-10'	TS-A	Warren Webster	512	1/2"	2	213	198	OK	Manual Radiator Valve. No Trap Station Components.
269253	Radiator Trap	Main / 2nd / Hallway	Across From Nurse's Office, 5-10'	TS-A	Warren Webster	512	1/2"	2	224	165	OK	Manual Radiator Valve. No Trap Station Components.
269251	Radiator Trap	Main / 2nd / Main Entrance	Right Side, 0-5'	TS-A	Warren Webster	512	1/2"	2	214	176	ОК	Manual Radiator Valve. No Trap Station Components.
269279	Univent	Main / 3rd / 308	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	215	178	OK	No Trap Station Components.
269280	Radiator Trap	Main / 3rd / 308	Radiator Under Window, 0-5'	TS-A	N/A	N/A	3/4"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Access Panel Required .
269278	Radiator Trap	Main / 3rd / 310	Radiator Behind Cabinet, 0-5'	TS-A	Warren Webster	523	3/4"	2	213	212	L	DDC Radiator Valve. No Trap Station Components.
279277	Univent	Main / 3rd / 310	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	216	198	OK	No Trap Station Components.
269272	Radiator Trap	Main / 3rd / 312	Radiator Under Window, 0-5'	TS-A	Barnes & Jones	N/A	1/2"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Access Panel Required.
269273	Radiator Trap	Main / 3rd / 312A	Radiator Under Left Window, 0-5'	TS-A	Hoffman	8C	3/4"	2	215	176	OK	DDC Radiator Valve. No Trap Station Components.
269274	Radiator Trap	Main / 3rd / 312A	Radiator Under Right Window, 0-5'	TS-A	Hoffman	8C	3/4"	2	215	180	ОК	DDC Radiator Valve. No Trap Station Components.
269281	Univent	Main / 3rd / 313	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	80	80	NIS	No Trap Station Components. Valved Out.
269270	Univent	Main / 3rd / 314	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	216	189	NIS	Inlet Isolation, Outlet Isolation. Valved Out.
269271	Radiator Trap	Main / 3rd / 314	Radiator Behind Cabinet, 0-5'	TS-A	Barnes & Jones	134	3/4"	2	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.
269276	Radiator Trap	Main / 3rd / 315 Girl's Bathroom	Radiator Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	215	198	OK	Pneumatic Radiator Valve. No Trap Station Components. Pneumatic Valve Stuck Open
2 <mark>6</mark> 9263	Univent	Main / 3rd / 316	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	80	80	NIS	Inlet Isolation, Outlet Isolation. Valved Out, Univent No Connection To System Cant Turn On.
269264	Radiator Trap	Main / 3rd / 316	Radiator Behind Cabinets, 0-5'	TS-A	Warren Webster	523	3/4"	2	80	80	NIS	DDC Radiator Valve. No Trap Station Components. Valved Out.

Result Key: OK = Okay B= Blowing L= Leaking P= Plugged NIS= Not In Service LBD= Leak By Design NA= Not Accessible RIP= Retired In Place Trap Type Key: IB=Inverted Bucket VIB=Vertical Inverted Bucket FT=Float & Thermostatic BM=Bimetallic TD=Thermodynamic TS= Thermostatic OR=Orifice

### **George Washington School**

### 2021 Steam Trap Efficiency Report

	]	Fable	1:	All	Steam	Trap	Survey	y I	nformation
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			Tabi	e 1: Al	I Steam Tra	ip Survey I	III OI III a					
Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In	p °F Out	Result	Comments
269275	Radiator Trap	Main / 3rd / 317	Under Window, 0-5'	TS-A	Warren Webster	513	1/2"	2	216	178	OK	Manual Radiator Valve. No Trap Station Components.
269268	Radiator Trap	Main / 3rd / 321 Boy's Bathroom	Radiator Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	215	187	OK	Manual Radiator Valve. No Trap Station Components.
269269	Radiator Trap	Main / 3rd / 321 Boy's Bathroom	Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	80	80	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out.
269265	Univent	Main / 3rd / 323	Univent, 0-5'	TS-S	Barnes & Jones	134	3/4"	2	216	198	OK	Inlet Isolation, Outlet Isolation.
269266	Radiator Trap	Main / 3rd / 323	Radiator Behind Cabinets, 0-5'	TS-A	N/A	N/A	1/2"	2	NA	NA	NA	DDC Radiator Valve. No Trap Station Components. Access Panel Required In Cabinet .
269262	Radiator Trap	Main / 3rd / Faculty Rm End Of Hall	Radiator Under Window, 0-5'	TS-A	Warren Webster	512	1/2"	2	80	80	NIS	Thermostatic Radiator Valve. No Trap Station Components. Valved Out.
269282	Radiator Trap	Main / 3rd / Stairwell Next To 313	Platform, 0-5'	TS-A	Warren Webster	513	1/2"	2	226	197	L	Manual Radiator Valve. No Trap Station Components.
269267	Radiator Trap	Main / 3rd / Stairwell Next To 523	Platform, 0-5'	TS-A	Warren Webster	512	1/2"	2	80	89	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out.
269225	Reheat Coil	Main / Ground / 113	Right Wall Above Cutout For Steam Coil, 5-10'	FT	Spirax Sarco	FT15	3/4"	2	80	80	NIS	Inlet Isolation, Strainer, Blowdown, Outlet Isolation. Valved Out.
269227	Radiator Trap	Main / Ground / 113	Radiator Under Left Window, 0-5'	TS-A	Warren Webster	02Н	1/2"	2	214	212	L	Pneumatic Radiator Valve. No Trap Station Components.
269228	Radiator Trap	Main / Ground / 108	Radiator Behind Cabinets, 0-5'	TS-A	N/A	N/A	1/2"	2	NA	NA	NA	Pneumatic Radiator Valve. No Trap Station Components. Cabinets Built Around With No Access Panel .
269229	Reheat Coil	Main / Ground / 108	Storage Closet In Back, Above Ceiling	TS-S	Barnes & Jones	3500	1/2"	2	215	189	OK	No Trap Station Components.
269221	Radiator Trap	Main / Ground / 110	Back Wall, 0-5'	TS-A	Hoffman	8C	3/4"	2	215	177	OK	Pneumatic Radiator Valve. No Trap Station Components.
269224	Radiator Trap	Main / Ground / 110A	Under Window, 5-10'	TS-A	Hoffman	8C	3/4"	2	215	178	OK	Pneumatic Radiator Valve. No Trap Station Components.
269219	Radiator Trap	Main / Ground / 112	Back Wall, 0-5'	TS-A	Hoffman	8C	3/4"	2	214	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
269217	Radiator Trap	Main / Ground / 112B	Back Corner, 0-5'	TS-A	Hoffman	8C	3/4"	2	213	194	OK	Pneumatic Radiator Valve. No Trap Station Components.
269218	Radiator Trap	Main / Ground / 112B	Trap In Right Corner, 0-5'	TS-A	Barnes & Jones	122	1/2"	2	216	212	L	Pneumatic Radiator Valve. No Trap Station Components.

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### **George Washington School**

## 2021 Steam Trap Efficiency Report

Table 1:	All Steam	Trap Survey	<sup>•</sup> Information

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Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Trap Type	Mfr.	Model	Pipe Size	System PSI	Tem In		Result	Comments
269220	Radiator Trap	Main / Ground / 112D	On Wall, 0-5'	TS-A	Hoffman	8C	3/4"	2	213	197	OK	Pneumatic Radiator Valve. No Trap Station Components.
269226	Radiator Trap	Main / Ground / 113	Radiator Under Right Window, 0-5'	TS-A	Warren Webster	N/A	3/4"	2	215	176	OK	Pneumatic Radiator Valve. No Trap Station Components.
269222	Radiator Trap	Main / Ground / 117	Radiator Above Ductwork, 10-15'	TS-A	Warren Webster	512	1/2"	2	214	198	OK	Manual Radiator Valve. No Trap Station Components.
269223	Radiator Trap	Main / Ground / 117	In Bathroom, 5-10'	TS-A	Warren Webster	512	1/2"	2	80	80	NIS	Manual Radiator Valve. No Trap Station Components. Valved Out, Radiator Valve Stuck Closed. Manual Valve Stuck Closed
269240	Reheat Coil	Main / Ground / 118 Storage Rm	Above Entrance, Above Ceiling	FT	Spirax Sarco	FT15	3/4"	2	214	180	OK	Inlet Isolation, Strainer, Blowdown, Outlet Isolation.
269215	Radiator Trap	Main / Ground / 123	Radiator Towards Left Wall, Above Ceiling	TS-A	Warren Webster	PATD	1/2"	2	215	198	OK	Pneumatic Radiator Valve. No Trap Station Components.
269216	Unit Heater	Main / Ground / 123	Unit Heater In Corner, 5-10'	TS-A	N/A	N/A	1"	2	214	198	NIS	Inlet Isolation, Outlet Isolation. Valved Out.
269231	Heat Exchanger	Main / Ground / 127 Boiler Rm	Against Right Wall By Condensate Tank, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	2	199	165	OK	Inlet Isolation, Strainer, Outlet Isolation.
269232	Heat Exchanger	Main / Ground / 127 Boiler Rm	Against Right Wall By Condensate Tank, 5-10'	FT	Barnes & Jones	FT2015-8	2"	2	187	145	OK	Strainer, Outlet Isolation.
269233	Drip Leg	Main / Ground / 127 Boiler Rm	Against Right Wall By Condensate Tank, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	2	213	165	OK	Inlet Isolation, Strainer, Outlet Isolation.
269234	Drip Leg	Main / Ground / 127 Boiler Rm	By Pillar Between Boiler And HEX, 10-15'	FT	Barnes & Jones	FT2015-4	1"	2	215	212	L	Inlet Isolation, Strainer, Outlet Isolation.
269235	Drip Leg	Main / Ground / 127 Boiler Rm	Front Of Pillar Between Boiler And HEX, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	2	213	186	OK	Inlet Isolation, Strainer, Outlet Isolation.
269236	Drip Leg	Main / Ground / 127 Boiler Rm	Above HEX1 (Red HEX), 10-15'	FT	Barnes & Jones	FT2015-4	1"	2	212	175	OK	Inlet Isolation, Strainer, Outlet Isolation.
269237	Drip Leg	Main / Ground / 127 Boiler Rm	Front Of Boiler 2, 5-10'	FT	Barnes & Jones	FT2015-6	1 1/2"	2	213	167	OK	Inlet Isolation, Strainer, Outlet Isolation.
269238	Drip Leg	Main / Ground / 127 Boiler Rm	Between Boiler 1 And 2, 5-10'	FT	Hoffman	FT015H-3	3/4"	2	213	167	OK	Inlet Isolation.
269239	Drip Leg	Main / Ground / 127 Boiler Rm	Between Boiler 1 And 2, 5-10'	FT	Hoffman	FT53	3/4"	2	214	187	L	Inlet Isolation.

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### Table 2: Leaking Traps

# Table 2: Leaking Traps from the Survey

Tag #	Application	Building / Floor / Room	Trap Location, Elevation	Mfr	Model	Тгар Туре	System PSI	Pipe Size	Conn Type	Result	Install/Access Issues
269258	Radiator Trap	Main / 2nd / 210 Main Office	Vice Principal's Office, 0-5'	Barnes & Jones	134	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, No Issues
269261	Radiator Trap	Main / 2nd / 213	Radiator Behind Cabinet, 0-5'	Warren Webster	523	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, No Issues
269278	Radiator Trap	Main / 3rd / 310	Radiator Behind Cabinet, 0-5'	Warren Webster	523	Thermostatic Angle	2	3/4"	NPT	L	Repair Kit, Difficult Access
269282	Radiator Trap	Main / 3rd / Stairwell Next To 313	Platform, 0-5'	Warren Webster	513	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
269227	Radiator Trap	Main / Ground / 113	Radiator Under Left Window, 0-5'	Warren Webster	02H	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
269218	Radiator Trap	Main / Ground / 112B	Trap In Right Corner, 0-5'	Barnes & Jones	122	Thermostatic Angle	2	1/2"	NPT	L	Repair Kit, No Issues
269234	Drip Leg	Main / Ground / 127 Boiler Rm	By Pillar Between Boiler And HEX, 10-15'	Barnes & Jones	FT2015-4	Float & Thermostatic	2	1"	NPT	L	Repair Kit, No Issues
269239	Drip Leg	Main / Ground / 127 Boiler Rm	Between Boiler 1 And 2, 5-10'	Hoffman	FT53	Float & Thermostatic	2	3/4"	NPT	L	Full Trap, No Issues

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