School	Tag	Description	Recommendation	ABS Comments - (DEB is ABS's programmer initials)
3611001	Tug	Description		Work reviewed by ABS as of Jan 12, 2021
		The energy recovery wheel failed to enabled when commanded "on" by the		
Berlin High School	AHU-1 (phase 1)	BMS.	Issue should be further reviewed by ATC contractor.	Fixed Graphic Display-DEB
	" /	The hot water valve failed to modulate open when commanded. Appears to	·	
Berlin High School	AHU-1 (phase 1)	be stuck closed.	Either repair/replace valve actuator.	Cycled Power/Drove VIv Hit 80deg supply Temp-DEB
		The energy recovery wheel failed to enabled when commanded "on" by the		
Berlin High School	AHU-2 (phase 1)	BMS.	Issue should be further reviewed by ATC contractor.	Fixed Graphic Display-DEB
		The energy recovery wheel failed to enabled when commanded "on" by the		
Berlin High School	AHU-3 (phase 1)	BMS.		Fixed Graphic Display-DEB
Berlin High School	AHU-2 (phase 2)	The CO2 sensor for this unit is only reading 12.8 ppm		Replaced Co2 Sensor-DEB
		L	Operation should be confirmed to protect coil. This can be done by	
Berlin High School	AHU-9	The low limit device (freeze stat) could not be tripped due to location.		Freeze Stat Must Be Held 2mins Until VIv Is Fully Open-DEB
Berlin High School	DOAS-3	Many of the fins on the chilled water coil have been folded over.	Fins should be combed out.	
Berlin High School	DOAS-2	Mold observed on the chilled water insulation jacket within the unit	Recommend removing moldy insulation. If insulation must be re- installed, PVC jacketing should be used.	
Berlin High School	DOAS-2	Small areas of the chilled water coil fins are pushed in	Fins should be combed out for best efficiency	
Berlin High School	DOAS-2	Energy recovery wheel is starting to get dirty	Media should be cleaned to maintain efficiency	
Berlin High School	DOAS-2	the CO2 sensor is 114 ppm out of calibration.		Calibrated To Lower -DEB
Berlin High School	AHU-10	The pre-filter screens are dirty and damaged	Screens should be fixed and washed	
,		Hot water coil has small areas where dust is collecting in the fins (top		
Berlin High School	AHU-10	corner)	Coil should be cleaned	
Berlin High School	AHU-10	The energy recovery wheel is very dirty on this unit	Media should be cleaned to maintain efficiency	
Berlin High School	AHU-10	The RA CO2 sensor is reading -491 ppm	Device should be calibrated or replaced	Replaced Co2 Sensor-DEB
		The energy recovery wheel LAT sensor measured 3 degrees below SES		
Berlin High School	AHU-10	measurement		Calibrated To 3 Deg Higher-DEB
Berlin High School	AHU-1	There is no pre-filter installed	Pre-filters should be installed to extend the life of the final filters	
Berlin High School	AHU-1	The final filters are MERV 8.	A MERV 13 or higher should be installed on the units	
Berlin High School	AHU-1	The hot water coil is dirty at the lower portion	The coil should be cleaned	
Berlin High School	AHU-1	the CO2 sensor is 200 ppm out of calibration.	Device should be calibrated	Recalibrated-DEB
Berlin High School	AHU-1	OA flow station reading -15000. Should be checked by TAB	Device should be calibrated	Repaired Damaged Wiring-DEB
Berlin High School	AHU-1	The high static safety switch is not piped (the pneumatic tube has been	Safety devices should be properly connected	Reconnected or Required DER
Berlin High School	AHU-1	removed)	Recommend removing moldy insulation. If insulation must be re-	Reconnected as Required-DEB
Berlin High School	DOAS-1	Mold observed on the chilled water insulation jacket within the unit	installed, PVC jacketing should be used.	
Berlin High School	DOA3-1	The face dampers do not close all the way (remain about 5% open when	installed, FVC jacketing should be used.	
Berlin High School	DOAS-1	commanded closed)	Damper should be adjusted to provide proper closure	
<u> </u>		The hot water control valve did not modulate open when the freezestat	ATC should review to make sure the HW valve opens upon a freeze	
Berlin High School	DOAS-1	button was pushed.		Freeze Stat Must Be Held 2mins Until VIv Is Fully Open Tested-DEB
Berlin High School	AHU-5	The pre-filter screens are very dirty	Screens should be cleaned when filter changes are completed.	· '
Berlin High School	AHU-5	The RA filters are damaged and not filtering properly	Replace damaged filters to assure proper filtration	
		The energy wheel is very dirty due to damaged RA filter media, and loose	Remove loose insulation from cabinet and clean recovery wheel media	
Berlin High School	AHU-5	insulation found in the RA cabinet	to maintain efficiency	
Berlin High School	AHU-5	The RA CO2 sensor is reading 10.4 ppm	Device should be replaced	Replaced Co2 Sensor-DEB
		The EA compartment door is frozen shut and was extremely difficult to		
Berlin High School	AHU-5	open.	Recommend adjusting door for proper operation.	
Berlin High School	AHU-6	The blocking plate at the OA final filter is missing	Install blocking plate to assure proper filtration	
Berlin High School	AHU-6 AHU-6	The pre-filter was MER 10, and the final filter only MERV 8. The bot water coil is year dirty.	Recommend minimum filtration level to be MERV 13 The coil should be cleaned	
Berlin High School Berlin High School	AHU-6	The hot water coil is very dirty The hot water coil has small areas where the fins are pushed in	Coil should be combed	
Beriin riigii Scriooi	Allo-0	The not water con has shall areas where the hirs are pushed in	Recommend removing moldy insulation. If insulation must be re-	
Berlin High School	DOAS-7	Mold observed on the chilled water insulation jacket within the unit	installed, PVC jacketing should be used.	
Berlin High School	DOAS-7	The chilled water coil has areas where the fins are pushed in	Coil should be combed	
		The face dampers do not close all the way (remain about 5% open when		
Berlin High School	DOAS-7	commanded closed)	Dampers should be adjusted	
_		The chilled water actuator is in alarm at the BAS. It appears that this is	·	
		because the actuator feedback does not match the commanded value. The		
Berlin High School	DOAS-7	value displayed was 23.6% when the valve was fully closed		Actuator FBK Pot Not Linear To Control Signal VIv Is Functional-DEB
			Recommend removing moldy insulation. If insulation must be re-	
Berlin High School	DOAS-8	Mold observed on the chilled water insulation jacket within the unit	installed, PVC jacketing should be used.	
		The OA pre-filters appear to have been wet at some point since		
		replacement (warped/bowed). Additionally, there is old water stains at the	The OA cabinet should be reviewed for the potential of water/moisture	
Berlin High School	DOAS-8	cabinet floor and some debris built up downstream of the final filters.	intrusion after a heavy rain. Damaged filters should be replaced	
Berlin High School	DOAS-8	The chilled water coil has areas where the fins are pushed in	Coil should be combed	Described and DED
Berlin High School	DOAS-8	The SA RH% sensor was 8% lower then SES reading.	Device should be calibrated.	Recalibrated-DEB
Borlin High School	DOAS 9	The face dampers do not close all the way (remain about 5% open when	Dampare should be adjusted	
Berlin High School	DOAS-8	commanded closed) One of the supply fans is making noise and should be reviewed. The noise	Dampers should be adjusted	
Berlin High School	DOAS-8	can be heard at lower speeds (bearings)	Fan should be reviewed for potential repair	
Definit High School	DOM3-0	can be near a delower speeds (bearings)	an should be reviewed for potential repair	

Berlin High School	DOAS-9	The units chilled water coil has multiple areas where the fins are pushed in	The fins should be combed out	-
Berlin High School	AHU-8	The units OA filters are dirty	The filters should be combed out The filters should be replaced	
Berlin High School	AHU-8	Some scale has built up on the units HW coil	The HW coil should be cleaned	
Deriiii Tiigii School	A110-8	Some scale has built up on the units riw con	The TIW Coll should be cleaned	
		With the energy wheel running the BAS was indicating that the bypass		
		damper was fully closed. The damper was actually found to be		
Berlin High School	AHU-8	approximately 90% open. The damper is not controllable through the BAS.	The actuator should be reviewed by ATC	The Control AO Ref Had Been Reversed Corrected-DEB
Ū · · · · ·		The HW valve did not stroke 100% open when the freezestat reset button		
Berlin High School	AHU-8	was pressed.	Suggest ATC review freeze protection programming	Freeze Stat Must Be Held 2mins Until VIv Is Fully Open Tested-DEB
Berlin High School	DOAS-4	The units OA filters are dirty	The filters should be replaced	- ' '
		The mixed and return air humidity sensors were both 13% less than SES	·	
Berlin High School	AHU-4	reading	Devices should be calibrated	Recalibrated-DEB
		The wheel bypass damper position is incorrect at the BAS- with the damper		
		50% open, the BAS is indicating the damper is closed. The damper is not		
Berlin High School	AHU-7	controllable though the BAS	The actuator should be reviewed by ATC	The Control AO Ref Had Been Reversed Corrected-DEB
Berlin High School	DOAS-6	The units OA filters are dirty	The filters should be replaced	
Berlin High School	DOAS-6	The units chilled water coil has multiple areas where the fins are pushed in	The fins should be combed out	
		The return air damper does not appear operable and while it is not		
		commendable through the BAS, when the freezestat was tripped, the		
Berlin High School	DOAS-6	damper did not stroke open	The actuator should be reviewed by ATC	The RAD Was Only To open On LO MAT 42.changed code to allow-DEB
		The exhaust filter rack has shifted so that the filters are no longer accessible		
		without removing the entire rack. The metal rack, where the filters sit, has		
Berlin High School	AHU-3	moved off of its mounting point.	The filter rack should be repaired.	
		The OA damper did not modulate open when commanded on the control		
Griswold School	UV-CE-1	board inside the unit.	Recommend having mechanical contractor investigate issue.	
		The HW valve did not modulate open when the heating setpoint was raised		
Griswold School	UV-CE-1	at the internal controller.	Recommend having mechanical contractor investigate issue.	_
		The unit failed to enable mechanical cooling when the space temperature		
Griswold School	UV-CE-1	setpoint was adjusted to 60°F.	Recommend having mechanical contractor investigate issue.	_
C. H.Charl	10/54	The OA damper did not modulate open when commanded on the control		
Griswold School	UV-E-1	board inside the unit.	Recommend having mechanical contractor investigate issue.	
Caiannald Cabaal	UV-E-1	The HW valve did not modulate open when the heating setpoint was raised	B	
Griswold School	UV-E-1	at the internal controller.	Recommend having mechanical contractor investigate issue.	_
Griswold School	UV-E-1	The unit failed to enable mechanical cooling when the space temperature setpoint was adjusted to 60°F.	B	
Griswold School	UV-E-1 UV-E-2	. ,	Recommend having mechanical contractor investigate issue.	
Griswold School	UV-E-3	The unit was not operational at the time of testing. The unit was not operational at the time of testing.	Recommend having mechanical contractor investigate issue. Recommend having mechanical contractor investigate issue.	_
Griswold Scribbi	UV-E-3	The OA damper did not modulate open when commanded on the control	Recommend having mechanical contractor investigate issue.	
Griswold School	UV-E-4	board inside the unit.	Recommend having mechanical contractor investigate issue.	
Griswoid Scriool	0V-L-4	The unit failed to enable mechanical cooling when the space temperature	necommend having mechanical contractor investigate issue.	-
Griswold School	UV-E-4	setpoint was adjusted to 60°F.	Recommend having mechanical contractor investigate issue.	
Griswold School	UV-E-5	The unit was not operational at the time of testing.	Recommend having mechanical contractor investigate issue.	
		The OA damper did not modulate open when commanded on the control	The second secon	
Griswold School	UV-E-6	board inside the unit.	Recommend having mechanical contractor investigate issue.	
		The unit failed to enable mechanical cooling when the space temperature	,	
Griswold School	UV-E-6	setpoint was adjusted to 60°F.	Recommend having mechanical contractor investigate issue.	
Griswold School	RTU-4	The units Dx coil contains some scale and lint buildup	Recommend cleaning the coil	
		When approached for testing, the unit was found not running while it was		
		in an occupied state and receiving a run command from the BAS. No alarm		
		was indicated at the BAS. After resetting the unit (flipping the disconnect)		
Griswold School	RTU-4	the unit did start and run as expected.	Information only	_
Griswold School	RTU-2	The units Dx coil contains some lint buildup	Recommend cleaning the coil	
Griswold School	RTU-1	There are no filters installed in this unit	Recommend installing filters for unit protection.	
Griswold School	RTU-1	The units coil contains dirty buildup	Recommend cleaning the coil	
		When the units supply fan was commanded off and confirmed to be off, the		
Griswold School	RTU-1	BAS was indicating that the fan was still on (flow status reading)	Recommend calibrating airflow detection device	checked ct wiring, wired ok.cycled fan status followed-DEB
		The damper actuator does not appear to be tight to the linkage shaft, when		
Griswold School	RTU-1	commanded open/closed, no action was seen from the damper.	Recommend troubleshooting damper	_checked dpr.connection sloppy at actuator but dpr functions-DEB
		The BAS damper feedback was incorrectly reading between -46% and -		
Griswold School	RTU-1	116%.	Recommend having ATC contractor review programming/graphics	Code Change To Restrict %Demand to 0-100-DEB
		The OA/RA damper is stuck in the full return position. When commanded		
Griswold School	RTU-Main Office	open/closed no action was seen from the device.	Recommend troubleshooting damper	checked dpr.actuator no good.control signal okDEB
		The 5 packaged RTU's on the main section of the building are equipped with		
		a HW coil that is in the ductwork below the roof, downstream of the unit.		
		SES could not verify the condition of these coils. It is also assumed that a		
on allera	DT11 - C 1	low limit freezestat is associated with them, which could not be viewed or	Recommend Berlin staff assess downstream hot water coil conditions	
Griswold School Griswold School	RTUs General	tested due to their location and occupied building.	and clean/service as needed.	
	Portable RTU-1	The units Dx cooling coil is dirty	Recommend cleaning the coil	

			Recommend Berlin staff test cooling operation during warmer	•
Griswold School	Portable RTU-2	DX cooling operation could not be tested due to low ambient lock out.	temperatures.	
Griswold School	Portable RTU-3	The units filters are dirty and one was found installed backwards	Recommend replacing filters	
Griswold School	Portable RTU-3	The interior of unit is very dirty.	Recommend cleaning the unit	
Griswold School	Portable RTU-3	The units Dx coil is dirty	Recommend cleaning the coil	
		The Return air temperature senor is incorrectly reporting. The BAS was		
Griswold School	Portable RTU-3	indicating a 95F return air temp, SES measured a RAT of 74F	Recommend recalibrating/replacing the return air temperature sensor	unit was in heat/bypassing air to ret/temp is ok.
Griswold School	Portable RTU-4	The units Dx Coil is very dirty	Recommend cleaning the coil	
Griswold School	Portable RTU-4	The space Co2 sensor was reporting a value of OPPM		replaced co2 sensor in classroom
Briswold School	Portable RTU-4	The units OA/RA damper was unresponsive to BAS commands	Recommend troubleshooting damper	packaged econ controls need clg call to initiate.
Briswold School	AHU-3	The units HW coil contains dirt, dust and scale buildup	Recommend cleaning the coil	
		The UV tags used are actual classroom nomenclature as opposed to BAS		
Griswold School	UV's General	nomenclature	Information only	
Griswold School	UV-K-1	The units Dx coil is dirty	Recommend cleaning the coil	
	10/1/4	The units dampers failed to modulate when commanded open from the	Second the Helenstein territory	
Griswold School Griswold School	UV-K-1 UV-K-2	internal control panel	Recommend troubleshooting actuator	
ariswoid school	UV-K-Z	The fan/unit was not operational at the time of testing.	Recommend troubleshooting unit	
iriswold School	UV-K-2	The units HW valve was found failed open, proper operation of the valve and damper could not be confirmed as the unit was not running	Information only	
iriswold School	UV-K-2 UV-K-3	The units Dx coil is dirty	Recommend cleaning the coil	
IIISWOIU SUIUUI	UV-N-3	The damper linkage is loose, the actuator is modulating correctly but no	necommend dealing the con	
Griswold School	UV-K-3	action is seen from the damper	Recommend adjusting damper linkages.	
Friswold School	UV-K-4	The installed filter is dirty	Recommend replacing filters	
iriswold School	UV-K-4	The units Dx coil is dirty	Recommend cleaning the coil	
Griswold School	UV-K-5	The installed filter is dirty	Recommend replacing filters	
	37.1.3	The units dampers failed to modulate when commanded open from the		
Griswold School	UV-K-5	internal control panel	Recommend troubleshooting actuator	
Griswold School	UV-W-3	The installed filter is dirty	Recommend replacing filters	
Griswold School	UV-W-3	There is heavy lint buildup on either end of the Dx coil.	Recommend removing lint	
		The units dampers failed to modulate when commanded open from the		
iriswold School	UV-W-3	internal control panel	Recommend troubleshooting actuator	
		When the setpoint knob was adjusted, the canister type HW valve actuator		
		did not appear to modulate and discharge air temperature did not rise		
Griswold School	UV-W-3	above 68	Recommend troubleshooting actuator	
Griswold School	UV-CW-1	The installed filter is dirty	Recommend replacing filters	
Griswold School	UV-CW-1	The Dx coil is plugged almost completely with debris	Recommend cleaning the coil	
		The damper linkage has been disconnected from the actuator. The actuator		
Griswold School	UV-CW-1	does not appear to be stroking.	Recommend troubleshooting damper	
Griswold School	UV-W-4	The installed filter is dirty	Recommend replacing filters	
Griswold School	UV-W-4	The units Dx coil is dirty	Recommend cleaning the coil	
		The units dampers failed to modulate when commanded open from the		
Griswold School	UV-W-4	internal control panel	Recommend troubleshooting actuator	
Griswold School	UV-W-5	The units Dx coil is dirty	Recommend cleaning the coil	
		The units dampers failed to modulate when commanded open from the		
Griswold School	UV-W-5	internal control panel	Recommend troubleshooting actuator	
5.5	1071475	The units HW valve appears to be stuck open at all times, was discharging		
Griswold School	UV-W-5	105F+ degree air with the setpoint knob at 65F	Recommend troubleshooting actuator	
Calannel of Calana)	107.07.5	Unit was found off when approached for testing, likely due to HW valve	Information only	
Griswold School	UV-W-5	condition. Unit left in off position after testing	Information only	
Griswold School	UV-W-6 UV-W-6	The installed filter is dirty The units Dx coil is dirty	Recommend replacing filters Recommend cleaning the coil	
JI ISWUIU SCIIUUI	UV-VV-0	The damper actuator does stroke when command. Linkage is loose and will	necommend dealing the con	
iriswold School	UV-W-6	not drive the dampers.	Recommend adjusting linkage	
iriswold School	UV-CW-2	The installed filter is dirty	Recommend replacing filters	
Friswold School	UV-CW-2	The units Dx coil is dirty	Recommend cleaning the coil	
riswold School	UV-CW-3	The units Dx coil is dirty The units Dx coil is dirty	Recommend cleaning the coil	
riswold School	UV-CW-3	The damer actuator is completely missing from the unit	Recommend replacing the actuator	
Friswold School	UV-W-7A	The units Dx coil is dirty	Recommend cleaning the coil	
Friswold School	UV-W-7A	The units/fan is not operable, would not run	Recommend troubleshooting unit	
		The units HW valve was found failed open, proper operation of the valve		
Friswold School	UV-W-7A	and damper could not be confirmed as the unit was not running	Information only	
iriswold School	UV-W-7B	The installed filter is dirty	Recommend replacing filters	
iriswold School	UV-W-7B	The units Dx coil is dirty	Recommend cleaning the coil	
		The units dampers failed to modulate when commanded open from the		
	1	internal control panel	Recommend troubleshooting actuator	
Griswold School	UV-W-7B			
Griswold School	UV-W-7B	The HW valve appears to be stuck open, valve did not close when setpoint		
Griswold School	UV-W-7B	The HW valve appears to be stuck open, valve did not close when setpoint knob was adjusted to 65F	Recommend troubleshooting actuator	
		The HW valve appears to be stuck open, valve did not close when setpoint	Recommend troubleshooting actuator Recommend replacing filters	

	1	The units dampers failed to modulate when commanded open from the		•
Griswold School	UV-W-8	internal control panel	Recommend troubleshooting actuator	
Griswold School	UV-CE-4	The units/fan is not operable, would not run	Recommend troubleshooting unit	
		The units HW valve was found failed open, proper operation of the valve		
Griswold School	UV-CE-4	and damper could not be confirmed as the unit was not running	Information only	
Griswold School	UV-CE-4	The canister type damper actuator is missing from the unit	Recommend replacing the actuator	
		The unit was found off at the time of testing. After testing, the unit was		
Griswold School	UV-E-7	turned back off	Information only	
Caiannald Cabaal	UV-CE-3	The unit was found off at the time of testing. After testing, the unit was	Information only	
Griswold School Griswold School	UV-CE-3 UV-CE-2	turned back off The installed filter is dirty	Information only Recommend replacing filters	
Griswold School	UV-CE-2	The units Dx coil is dirty	Recommend cleaning the coil	
Griswold Scribbi	OV CL Z	The unit ventilators were found to have selectable command states by zone	recommend creaming the com	
		for 'On', 'Off' and 'Scheduled'. All zones were commanded On, meaning		
Griswold School	UV's General	they will run 24/7	Information only	
		The OA/RA damper linkage appears to have intentional slop, the OA	,	
		damper will drive immediately when commanded, and once the rivet		
Griswold School	UV's General	catches either end of the slide the RA damper will be driven	Information only	
		Although the unit could not be accessed due to installation height, damper		
		conditions were tested by observing the mixed air temperature reading.		
o to all out and		When the outside air damper was commanded 100% open, the mixed air	Damper actuator has either failed or the linkage has switched.	
Griswold School	AHU-1	temperature remained at 70F with an outside air temperature of 35F.	Recommend servicing.	
Hubbard School	RTU-1	The fan status does not drop out when the fan and unit are off. The dampers do not respond to commands through the BMS	Recommend having ATC contractor investigate Recommend having ATC contractor investigate	replace current sensor with ecm sensor-DEB
Hubbard School	RTU-2	The OA damper does not stay at minimum position as commanded by the	vecommend naving ATC contractor investigate	code change to ref mat temp from sat-DEB
Hubbard School	RTU-4	BMS.	Recommend having ATC contractor investigate	changed econ to ref mat for control from sat-DEB
Trabbara Scribor	KIO 4	Both HW valves operate correctly but one does not indicate open/closed	necommend having Are contractor investigate	- Changes econ to let mat for control from sat DEB
		position accurately. The supply air temp was 91°F but the valve showed		
Hubbard School	RTU-5	fully closed.	Recommend having ATC contractor investigate	Fixed Graphic For vlvs they operate in unison-DEB
			Recommend cleaning interior of units and entering air side of heating	
Hubbard School	UVs	In general, many of the unit ventilators were very dirty inside.	coils for better heat transfer.	
		In general, the cooling operation of the units could not be tested due to the	Recommend testing cooling operation of units during the cooling	
Hubbard School	UVs	low ambient conditions while onsite.	season.	
		The mechanical linkage between the outside air damper actuator and		
Hubbard School	UV-S1	damper blade is broken.	Recommend repairing damper linkage.	
Hubbard School	UV-S2	Unit appears to be abandoned in place. There is no controller, on/off switch nor actuators installed.	Recommend installing controller and devices.	
Trubbard Scribbi	0V-32	When the unit was turned on, the outside air damper went fully open. Unit	Neconiniena instanning controller and devices.	
Hubbard School	UV-S5	appears to be ignoring inputs from controller.	Recommend replacing controller.	
Hubbard School	UV-S5	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-S8	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-W1	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-W2	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-W3	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
		The outside air damper actuator failed to modulate open when set to 100%		
Hubbard School	UV-W4	on the unit controller.	Recommend replacing actuator.	
Hubbard School	UV-W4	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
U. hhand Cahaal	107.04/5	The outside air damper actuator failed to modulate open when set to 100% on the unit controller.	Recommend replacing actuator	
Hubbard School Hubbard School	UV-W5 UV-W5	on the unit controller. The bet water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-VV5	The hot water valve actuator appears to be failed open. The outside air damper actuator failed to modulate open when set to 100%	Recommend replacing actuator.	
Hubbard School	UV-A1	on the unit controller.	Recommend replacing actuator.	
Hubbard School	UV-A1	Hot water valve actuator has become disconnected from valve stem.	Recommend replacing/retightening actuator.	
		The outside air damper actuator failed to modulate open when set to 100%		
Hubbard School	UV-A2	on the unit controller.	Recommend replacing actuator.	
Hubbard School	UV-A2	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
		The outside air damper actuator failed to modulate open when set to 100%		
Hubbard School	UV-A7	on the unit controller.	Recommend replacing actuator.	
Hubbard School	UV-A7	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-A8	The hot water valve actuator has been removed from the unit.	Recommend installing valve actuator.	
Hubbard School	UV-N1	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School	UV-N2	The hot water valve actuator appears to be failed open. The outside air damper actuator failed to modulate open when set to 100%	Recommend replacing actuator.	
Hubbard School	UV-N3	on the unit controller.	Recommend replacing actuator.	
Hubbard School	UV-N3	The hot water valve actuator appears to be failed open.	Recommend replacing actuator. Recommend replacing actuator.	
	0.113	The outside air damper actuator failed to modulate open when set to 100%	recommend replacing accuator.	
Hubbard School	UV-N7	on the unit controller.	Recommend replacing actuator.	
	UV-N7	The hot water valve actuator appears to be failed open.	Recommend replacing actuator.	
Hubbard School				

Marked Tolses Mode Marked Tolses Marked		l	The UV located on the left side of the room failed to enable when switched		-
Legacy (pages)	Hubbard School	UV-N8		Recommend servicing unit ventilator to verify operation.	
Agency Models (Annual Prison Journal			The UV serving the staff and teacher's lounge failed to enable when		
Local particular Social Company (approximate the being became of merity and proximate the sequence of merity and proximate and prox	Hubbard School	UV Staff Lounge		Recommend servicing unit ventilator to verify operation.	
Accorate Marke Chings Process purple Process purpl					
March March Sect Sect The first section represented to monotoning control or the country of the control of the section of the country of the count	14.C. 14.11.C.L. 1				
The control of children is not control of children in section by the children					_
Note with 15 food 19 13 1 13 1 14 14 14 15 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Wicdee Wildule School	IIVAC-1	ŭ ŭ	Juggest Checking lan beits, shart, bearings, etc.	
The control of the co	McGee Middle School	HVAC-1		The actuator and damper operation should be reviewed by ATC	
Michael Middle Shood APU-13 The Sharp of the Committed in Sharp of the Committed Sharp of					
Modes Middle Strood MNC-3 MN	McGee Middle School	RTU-3, 11, 12 & 13	could not be inspected.	Recommend Berlin staff assess coil condition once accessible.	
Micros Marker Shade MCR MARKER Shade MCR MARKER Shade MCR	McGee Middle School	RTU-13		The filters should be replaced	
Author Mode School AND 1 Author Mode School AND 2 Author Mode School AND 2 Author Mode School AND 3 Author Mode School AND 4 Author Mode School AND 5 Author Mode School A					
Microse Models School Pill 2 An Ellisser getting and plant of my required town in any replaced grown in any	McGee Middle School	HVAC-3		Information only	
Access Madries Strotal Access	NA-C NAI-H-II- C-bI	10/40 3		Information and	
The commands for all the size demonstrated buy one page section is at each of the desire of the commands of his page, to be detect dampers on involuted to 10 ord dec. Which was not to be accorded buy one, to be detect dampers only mobilated to 10 ord dec. When the freeze the analystics of St. (P.D. C.) Assigned and one of other exclusive was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was seen from the suit- for remained under a contract of the section was solid to section was seen from the suit- for a should be investigated by the ATC contractor. The contract of the section was seen from the suit- for a should be contracted and programming. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from the suit- for all should be classed. The contract of the section was seen from					
so capace are optionate and a Biff, the dampers all modulated to all call of other which commended folly open, the horizontal folly open, the horizontal folly open, the horizontal folly open and the commended folly open, the horizontal folly open and the commended folly open, the horizontal folly open and the followed folly open and the followed follow	Wicdee Wilddie School	K10-1		consider cleaning inside the unit and replacing inters	
Mode Middle Strool 871-9 Commanded full year, the hold edu damper and group manifest plant of the beautiful processor from group and in November 1 to 25% upon the management of the beautiful processor from group and in November 1 to 25% upon the management of the beautiful processor from group and in November 1 to 25% upon the management of the beautiful processor from group and in November 1 to 25% upon the management of the processor from group and in November 1 to 25% upon the management of the processor from the structure of					
the decided shool of \$11.1 20% open. The departed was adjusted in 80%, the Oh damper and do lots but no where the state is was adjusted in 80%, the Oh damper and 160% but no where actions was sent from the unit from research and adjusted in 80%, the Oh damper and 160% but no where actions was sent from the unit from the unit from the sent from the unit from the unit from the sent from the unit from the sent from the unit from the sent from the unit of the units Wice and adjusted in the sent from the unit of the units Wice and adjusted in the sent from the sent from the sent from the sent from the unit of the units will discuss the late of the units will discuss the units of the units will be units will be units will also MS-FIRM. The coll adouble the cleared. The coll adouble the cleared					
the entities School 1913 event fully cosed, the June 1914 processes and programming the section control of the section was sequently sequently and the section of the section was sequently sequentl	McGee Middle School	RTU-1	25% open.	The damper programming and actuators should be reviewed by ATC	corrected code to allow 85sp.this was driving signal neg.dprs are fineDEB
Mode Middle Shool NU-1 The uniff third yoused No alarm was generated with fire and either production of the production o					
Mode Middle School MUL1 The units fiften as orday and selected for the property of the propert			_		
Microe Middle School MAU-1 did. The units HW Coal as almost completely plagged with list on the entering an Microe Middle School MAU-1 did. When the supply at trespressure seption was lowered to 50°F, the CVM Supply and trespressure seption was lowered to 50°F, the CVM Supply and trespressure seption was lowered to 50°F, the CVM Supply and trespressure seption was lowered to 50°F, the CVM Supply and the School MAU-1 have failed to monitoriate open. The coal should be cleaned The coal should be cleane					do not have mech freeze tied to this unit via BMS-DEB
Michoe Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the supply will remperature setgoint was lowered to 50°F, the CHV Window Middle School MAU-1 (when the set was set fine continued to perate (economier mode). This is now set for the MID-1 (when the set was set fine continued to operate (economier mode). This is now set for the MID-1 (when the set was set fine continued to operate (economier mode). This is now set for the MID-1 (when the set was set fine continued to operate (economier mode). This is now set for the MID-1 (when the set was set fine continued to operate (economier mode). This is now set for the MID-1 (when	McGee Middle School	MAU-1		The filters should be replaced	_
Middle School MAU-1 The units chilled water coil is very drifty. When the supply are temperature set-point was lowered to 50°F, the CNV Suggest ATC review CYTV valve actuator and programming the energy when is drifty. The coreg when is drifty. The condition of the control	McGee Middle School	MALI-1		The coil should be cleaned	
When the supply air temperature setpoint was lowered to 50°F, the CHV MCGe Middle School (RIL-) when the supply air temperature of some of the supply air temperature of the supply air temperature of some of the supply air					
Michae Middle School (RU-1) The energy wheel is did to modulate open. Michae Middle School (RU-2) The OA damper did not close when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The command of the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped by the NEC contractor. The shut down when the freezestat was tripped by the NEC contractor. The shut down when the freezestat was tripped w					
McGee Middle School RTU-2 The OA damper did not close when the freezestat was tripped as expected. The unit shut down when the freezestat was tripped but it was not concepted by the MCGee Middle School RTU-10 The rone heating coils are currently not displayed on the graphics. Whice Middle School RTU-10 The rone heating coils are currently not displayed on the graphics. Whice Middle School RTU-10 The rone heating coils are currently not displayed on the graphics. Whice Middle School RTU-10 The rone heating coils are currently not displayed on the graphics. Whice Middle School RTU-2 When the unit was commanded "DFF" in the MBS graphics page, the heating valve opened 100%, the outside air dampers were to 100% open and the enhanced from monitored on the BMS. Whice Middle School RTU-2 When all mores were placed into heating mode, the unit dosed the hot deck dampers. It would be expected that the control of the C	McGee Middle School	MAU-1		Suggest ATC review CHW valve actuator and programming	tested ok.was chw sys on at this time?-DEB
McGee Middle School RIU-2 registered by the BMS. McGee Middle School RIU-10 The zone heating coils are currently not displayed on the graphics. McGee Middle School RIU-10 Unable to verify freezestat since it is located in an occupied space. When the unit was commanded "Offer" on the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination continued to opened to commanded "Offer" on the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination of the examination continued to opened to committee of the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination of	McGee Middle School	ERU-1	The energy wheel is dirty.	The energy wheel should be cleaned.	
McGee Middle School RIU-2 registered by the BMS. McGee Middle School RIU-10 The zone heating coils are currently not displayed on the graphics. McGee Middle School RIU-10 Unable to verify freezestat since it is located in an occupied space. When the unit was commanded "Offer" on the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination continued to opened to commanded "Offer" on the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination of the examination continued to opened to committee of the BMS graphics gage, the heating valve opened 100%, the octivate of identifying the examination of					
Missee Middle School RTU-10 The zone heating coils are currently not displayed on the graphics. Missee Middle School RTU-14 Unable to verify freestest since it St location an accupate by aper. Missee Middle School RTU-14 Unable to verify freestest since it St location an accupate by aper. Missee Middle School RTU-2 not controlled nor monitored on the BMS and the exhaust fan continued to operate (economizer mode). This fan was the present of the freeze pumps and the exhaust fan continued to operate (economizer mode). This fan was the present of the freeze pumps and the exhaust fan continued to operate (economizer mode). This fan was the present of the freeze pumps and the exhaust fan continued to operate (economizer mode). This fan was the present of the freeze pumps and power displayed pump freeze that the opposite would be commended fully closed, the hot deck supply art temperature was 79f, signifying water leakage across the valve body. Missee Middle School RTU-2 Recommend controlled Close. Missee Middle School RTU-3 Recommend controlled Close. Missee Middle School RTU-4 Recommend controlled Close. Missee Middle School RTU-5 Recommend controlled Close. Missee Middle School RTU-	McGee Middle School	ERU-2			_damper is part of unit not BMS controlledDEB
McGee Middle School RTU-20 The zone heating colls are currently not displayed on the graphics. McGee Middle School RTU-30 Unable to verify freezestat in continued to open-to the BMS graphs page, the heating valve opened 100%, the outside air dampers went to 100% open and the exhaust not continued to open-to the BMS graphs page, the heating valve opened 100%, the outside air dampers went to 100% open and the exhaust not continued to open-tide (conomizer mode). This fan was not controlled nor monitored on the BMS. MCGee Middle School Freeze pumps verify operation. Important was an opened the cold deck dampers and opened the cold deck dampers, it would be expected that the opposite would occur. With the heating valve commanded fully closed, the hot deck supply air temperature of 25F and a DX emable setspoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear with, other action was seen from the unit- failed section was generated with the commanded close. When the freezestat was adjusted to 90°, the CA damper did close but no other action was seen from the unit- failed section was generated When the freezestat was signated to 90°, the CA damper did close but no other action was seen from the unit- failed section was generated When the freezestat was signated to 90°, the CA damper did close but no other action was seen from the unit- failed section of the cousting air dampers are physically damped and do not fully seat when commanded close. When the freezestat was situated to 90°, the CA damper did close but no other action was generated When the freezestat was situated to 90°, the CA damper did close but no other action was seen from the unit- failed was present of the shall graphs and the valve valve was not commanded with the commanded close. When the freezestat was stripped, the hot water valve was not commanded with the measured valve of the water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded with	McCoo Middle School	EDIT 3			alarmic in system. DER
MGGe Middle School RTU-10 The zone heating cols are currently not displayed on the graphics. Mr. Control McGe Middle School RTU-14 Unable to weriff precessatis one: 15 to standard an occuping danger. Freezestat one person should be confirmed by facility staff. When the unit was commanded "OFF" on the BMS graphics page, the heating valve opened 100%, the outside air dampers were to 100% opened and the exhaust fan continued to operate (economizer model.) This should be investigated by the ATC contractor. Whose Middle School RTU-2 opposite would occur. With the heating valve opened the cold deck dampers. It would be expected that the Discourage of the page o	McGee Middle School	ERU-Z	registered by the bivis.		alai III is III systeiiiDEB
Medie Middle School STU-14 Unable to verify freezestat incert is located in an occupied space. When the unit was commanded "Off" on the MSS graphs and the exhaust for onthinued to operate (eccomairer off her the MSP), the outside air dampers went to 100% open and the exhaust for onthinued to operate (eccomairer off her the MSP). McGee Middle School 8TU-2 opporation. McGee Middle School Freeze pumps verify operation. McGee Middle School 8TU-2 opposite would occur. McGee Middle School 8TU-2 opposite would occur. With the heating valve commanded folly closed, the hot deck supply air temperature was 75°, signifying water leakage across the leak greater was 75°, signifying water leakage across the leak greater was 100°, the opposite would be expected. McGee Middle School 8TU-2 opposite would occur. McGee Middle School 8TU-2 newer this in opposite would be cape to the state of the state	McGee Middle School	RTU-10	The zone heating coils are currently not displayed on the graphics.		they are present under ZONES tabDEB
heating valve opened 100%, the outside air dampers went to 100% open and the exhaust fan continued to operate (economic mode). This should be investigated by the ATC contractor. McGee Middle School RTU-2 McGee Middle School RTU-3 McGee Middle School RTU-4 McGee Middle School RTU-5 The outside air dampers are physically damaged and do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers are physically damaged and do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers are physically damaged and on on fully seat when commanded close McGee Middle School RTU-5 The outside air dampers are physically damaged and on on fully seat when commanded close McGee Middle School RTU-5 The outside air dampers are physically damaged and on on fully seat when commanded close McGee Middle School RTU-5 The outside air dampers are physically damaged and on on fully seat when commanded close McGee Middle School RTU-5 T	McGee Middle School	RTU-14			- / '
sand the exhaust fan continued to operate (exonomizer mote). This fan was not controlled for monitored on the BMS. McGee Middle School RTU-2 McGee Middle School RTU-3 McGee Middle School RTU-4 McGee Middle School RTU-4 McGee Middle School RTU-5 McGee Middle School RTU-6 McGee Middle School RTU-7 McGee Middle School RTU-7 McGee Middle School RTU-7 McGee Middle School RTU-8 McGee Middle School RTU-9 McGee Middle School RTU-9 McGee Middle School RTU-9			When the unit was commanded "OFF" on the BMS graphics page, the		
McGee Middle School RTU-2 on controlled nor monitored on the BMS. McGee Middle School Freeze pumps McGee Middle School RTU-2 on popular would occur. McGee Middle School RTU-2 on popular would be expected. McGee Middle School RTU-2 on popular would be expected that would be expected that would be investigated by the ATC contractor. McGee Middle School RTU-2 on popular would be expected that would be investigated by the ATC contractor. McGee Middle School RTU-2 on popular would be investigated by the ATC contractor. McGee Middle School RTU-2 on popular would be investigated by the ATC contractor. McGee Middle School RTU-2 on popular would be investigated by the ATC contractor. McGee Middle School RTU-4 on the unit- fair remained running and HW valve on the unit- fair remained running and HW valve on the unit- fair remained running and HW valve on the unit- fair remained running and HW valve on the unit- fair remained running and HW valve on the received was only to the received the said public on the valve was not commanded to luft yopen as would be expected. McGee Middle School RTU-5 The outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers are on entity of the work of the popular running and HW valve on the running freezestat condition. McGee Middle School RTU-5 The outside air bird screens are clogged. McGee Middle					
In general, none of the freeze pumps have status monitored by the BMS to verify operation. When all zones were placed into heating mode, the unit closed the hot deck dampers and opened the cold deck dampers. It would be expected that the opposite would occur. MCGee Middle School RTU-2 With the heating valve commanded fully closed, the hot deck supply air temperature was 79F, signifying water leakage across the valve body. Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit- fan remained running and HW valve went fully closed. No alarm was generated medically does. No alarm was generated moment of fully open as would be expected. MCGee Middle School RTU-2 The outside air dampers are physically damaged and do not fully seat when commanded close. MCGee Middle School RTU-4 The outside air dampers are physically damaged and do not fully seat when commanded close. MCGee Middle School RTU-5 The outside air dampers are physically damaged and control was reviewed and not water valve whould fully open during freezestat condition. MCGee Middle School RTU-5 The outside air dampers are physically damaged and on the water valve was not commanded fully open as would be expected. MCGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. MCGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve					
McGee Middle School RTU-2 went fully closed. No alrar was generated on the hot deck wildle School RTU-2 went fully closed. No alrar was generated on the hot deck wildle School RTU-2 went fully closed. No alrar was generated wildle School RTU-2 went fully closed. No alrar was generated wildle School RTU-2 went fully closed. No alrar was generated wildle School RTU-2 went fully closed. No alrar was generated wildle School RTU-4 commanded close. McGee Middle School RTU-4 commanded close. McGee Middle School RTU-4 commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 he outside air dampers are relogged. ERU-3 he outside air dampers are relogged. ERU-3 he outside air dampers are relogged. ERU-3 his dampers damper linkages. McGee Middle School RTU-5 he outsid	McGee Middle School	RTU-2			Code issue.Fixed.Fan is monitored and controlled-DEB
When all zones were placed into heating mode, the unit closed the hot deck dampers and opened the cold deck dampers. It would be expected that the opposite would occur. With the heating valve commanded fully closed, the hot deck supply air temperature was 79%, signifying water leakage across the valve body. McGee Middle School RTU-2 Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezest was adjusted to 90F, the OA damper did close but no other action was seen from the unit- fan remained running and HW valve went fully closed. No alarm was generated McGee Middle School RTU-4 Commanded close. McGee Middle School RTU-5 The outside air dampers are physically damaged and do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezest was tripped, the hot water valve was not commanded McGee Middle S	McGaa Middla School	Eroozo numns		=	
dampers and opened the cold deck dampers. It would be expected that the opposite would occur. With the heating valve commanded fully closed, the hot deck supply air temperature was 79F, signifying water leakage across the valve body. Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit- ranemained running and HW valve went fully closed. No alarm was generated McGee Middle School RTU-2 When the freezestat was stripped, the hot water valve was not commanded for fully open as would be expected. McGee Middle School RTU-4 When the freezestat was tripped, the hot water valve was not commanded for fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded for when the freezestat was tripped, the hot water valve was not commanded f	Wicdee Wilddie School	rreeze pumps		monitor pump status and verny pump is operable.	-
McGee Middle School RTU-2 opposite would occur. With the heating valve commanded fully closed, the hot deck supply air temperature was 79F, signifying water leakage across the valve body. Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the DA damper did close but no other action was seen from the unit- fan remained running and HW valve went fully closed. No alarm was generated The outside air dampers are physically damaged and do not fully seat when Commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded close. When t					
temperature was 79F, signifying water leakage across the valve body. Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit. Fair remained running and HIV valve were fully closes. No alarm was generated and hot water valve should fully open during freezestat condition. McGee Middle School RTU-4 commanded close. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-4 fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded of fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers on on fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded of fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded of fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers on on fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded of fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers on on fully seat when commanded of fully open during freezestat condition. McGee Middle School RTU-5 The outside air bird screen are clogged. ERU-3 The outside air bird screen are clogged. ERU-3 The outside air bird screen are clogged. Recommend cleaning. Recommend realibrating both sensors. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recommend recalibrating both sensors.	McGee Middle School	RTU-2	opposite would occur.	This should be investigated by the ATC contractor.	corrected code to allow 85sp.this was driving signal neg.dprs are fineDEB
Middle School RTU-2 Recommend correcting. With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit- fan remained running and HW valve went fully closed. No alarm was generated McGee Middle School RTU-2 went fully closed. No alarm was generated McGee Middle School RTU-4 commanded close. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat on the tous toward was the field measured walte was root commanded close. McGee Middle School RTU-5 The outside air dampers a on to fully seat when commanded close where freezestat was tripped, the hot water valve was not commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close where freezestat was tripped, the hot water valve was not commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close where freezestat was tripped, the hot water valve was not commanded close and hot water valve should fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close where freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close where freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close when the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air bird screens are clogged. ERU-3 The outside air dampers do not fully seat when commanded close when the freezestat was tr					
With an outside air temperature of 45F and a DX enable setpoint of 66F, the DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controls. When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit. Fan remained running and HW valve went fully closed. No alarm was generated The outside air dampers are physically damaged and do not fully seat when Commanded close. McGee Middle School RTU-4 commanded close. McGee Middle School RTU-5 The outside air dampers as would be expected. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded of fully open during freezestat was tripped, the hot water valve was not commanded form of the freezestat was tripped, the hot water valve was not commanded form of the freezestat was tripped, the hot water valve was not commanded form of the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fu					
DX cooling was continuing to operate instead of shutting off. Unclear why, however this is most likely due to packaged controlos. When the freezestat was gripped, the DX dampers and on the freezestat was tripped, the outside air dampers do not fully seat when commanded close. McGee Middle School RTU-4 REGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air fully open as would be expected. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close This should be investigated by the ATC contractor. Fan should disable and hot water valve was not commanded for the valve was not commanded the valve should fully open during freezestat condition. This should be investigated by the ATC contractor. Fan should disable and hot water val	McGee Middle School	RTU-2			drove vlv closed hd air temp went to 68DEB
McGee Middle School RTU-2 Nowever this is most likely due to packaged controls. This should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. RTU-2 When the freezestat was tripped, the hot water valve was not commanded close. When the freezestat was tripped, the hot water valve was not commanded lose McGee Middle School RTU-4 McGee Middle School RTU-5 The outside air dampers on to fully seat when fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded lose When the freezestat was tripped, the hot water valve was not commanded lose When the freezestat was tripped, the hot water valve was not commanded lose When the freezestat was tripped, the hot water valve was not commanded lose When the freezestat was tripped, the hot water valve was not commanded lose When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded lose When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 The outside air bird screens are clogged. Recommend cleaning. Recommend delaning. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recalibrated-DEB Recalibrated-DEB					
When the freezestat was adjusted to 90F, the OA damper did close but no other action was seen from the unit-fan remained running and HW valve went fully closed. No alarm was generated McGee Middle School RTU-4 commanded close. McGee Middle School RTU-4 commanded close. McGee Middle School RTU-4 commanded close. McGee Middle School RTU-5 The outside air dampers do not fully seat when fully open as would be expected. McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air in dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close McGee Middle School RTU-5 The outside air dampers do not fully seat when c	McGee Middle School	RTII-2		This should be investigated by the ATC contractor.	that's the signal% mech clg is off-DFR
other action was seen from the unit- fan remained running and HW valve went fully closed. No alarm was generated and hot water valve should fully open during freezestat condition. The outside air dampers are physically damaged and do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded of some and hot water valve should fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded of some and hot water valve should fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded of the should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded of fully open as would be expected. When the freezestat was tripped, the hot water valve was not commanded form and hot water valve should fully open during freezestat condition. Wedge Middle School RTU-5 The outside air bird screens are clogged. ERU-3 The outside air bird screens are clogged. ERU-3's mixed air and supply air temperature sensors were reading 60°F. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recallibrated-DEB Recalibrated-DEB		0 2		The contractor	
McGee Middle School RTU-2 went fully closed. No alarm was generated The outside air dampers are physically damaged and do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded lose. When the freezestat was tripped, the hot water valve was not commanded lose. RCGee Middle School RTU-4 When the freezestat was tripped, the hot water valve was not commanded lose. RCGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close. When the freezestat was tripped, the hot water valve was not commanded lose and hot water valve should fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded lose. When the freezestat was tripped, the hot water valve was not commanded of fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded lose. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. Accommend adjusting damper linkages. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. When the freezestat was tripped, the hot water valve was not commanded fully open during freezest				This should be investigated by the ATC contractor. Fan should disable	
McGee Middle School RTU-4 commanded close. Recommend repairing damper linkages. When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. RTU-4 fully open as would be expected. All the forezestat was tripped, the hot water valve was not commanded fully open as would be expected. All the forezestat was tripped, the hot water valve was not commanded of the forezestat was tripped, the hot water valve was not commanded of the fully open as would be expected. All the forezestat was tripped, the hot water valve was not commanded of the fully open as would be expected. All the fully open during freezestat condition. All the fu	McGee Middle School	RTU-2	went fully closed. No alarm was generated		do not have mech freeze tied to this unit via BMS-DEB
When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. ACGE Middle School ATU-5 The outside air dampers do not fully seat when commanded close When the freezestat was tripped, the hot water valve was not commanded close When the freezestat was tripped, the hot water valve was not commanded close When the freezestat was tripped, the hot water valve was not commanded close When the freezestat was tripped, the hot water valve was not commanded close When the freezestat was tripped, the hot water valve was not commanded close When the freezestat was tripped, the hot water valve was not commanded in the valve of the outside air dampers linkages. This should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. This should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. This should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. ERU-3 The outside air bird screens are clogged. ERU-3's mixed air and supply air temperature sensors were reading 60°F. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recalibrated-DEB					
McGee Middle School RTU-4 fully open as would be expected. RTU-5 The outside air dampers do not fully seat when commanded close When the freezestat was tripped, the hot water valve was not commanded fully open as would be expected. McGee Middle School RTU-5 (Illy open as would be expected. RTU-5 (Illy open as would be expected. RTU-6 (Illy open as would be expected. RTU-7 (Illy open as would be expected. RTU-8 (Illy open as would be expected. RTU-9 (Illy open as would be expected. RECOMMENT (Illy open as would fully open during freezestat condition. In the outside air bird screens are clogged. RECOMMENT (Illy open as would be expected. RECOMMENT (Illy open as would be expected. RECOMMENT (Illy open as would be expected. RECOMMENT (Illy open during freezestat condition. In the outside air bird screens are clogged. RECOMMENT (Illy open during freezestat condition. RECOMMENT (Illy open during freezestat condition. In the outside air bird screens are clogged. RECOMMENT (Illy open during freezestat condition. RECOMMENT (Illy open during freezestat condition. In the outside air bird screens are clogged. RECOMMENT (Illy open during freezestat condition. RECOMMENT (Illy open during freezestat condition. In the set on screen was preventing shutdown.cleared reset-DEB In the set on screen was preventing shutdown.cleared reset-DEB In the set on screen was preventing shutdown.cleared reset-DEB In the set on screen was preventing shutdown.cleared reset-DEB In the set on screen was preventing shutdown.cleared reset-DEB In the set on screen was	McGee Middle School	RTU-4			
McGee Middle School RTU-5 The outside air dampers do not fully seat when commanded close When the freezestat was tripped, the hot water valve was not commanded In his should be investigated by the ATC contractor. Fan should disable and hot water valve should fully open during freezestat condition. McGee Middle School ERU-3 The outside air bird screens are clogged. Recommend cleaning. ERU-3's mixed air and supply air temperature sensors were reading 60°F versus the field measured values of 66°F. Recommend recalibrating both sensors. Return air CO2 sensor was reading 220 PPM versus field measured value of Recommend value of Recommend value of Recommend values of Recommend valu	saccas saidula Cakaad	DTIL 4			Faces Chat Mont De Held Order Hetil Work 5 H. Order Tourist DCD
When the freezestat was tripped, the hot water valve was not commanded fully open during freezestat condition. McGee Middle School RTU-5 fully open as would be expected. The outside air bird screens are clogged. ERU-3 The outside air bird screens are clogged. ERU-3's mixed air and supply air temperature sensors were reading 60°F. McGee Middle School ERU-3 Versus the field measured values of 66°F. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recalibrated-DEB					rreeze Stat Must Be Heid Zmins Until VIV IS Fully Open Tested-DEB
McGee Middle School RTU-5 fully open as would be expected. and hot water valve should fully open during freezestat condition. McGee Middle School ERU-3 The outside air bird screens are clogged. Recommend cleaning. ERU-3's mixed air and supply air temperature sensors were reading 60°F REU-3 Versus the field measured values of 60°F. Recommend recalibrating both sensors. Recommend recalibrating both sensors. Recalibrated-DEB Recalibrated-DEB	Wiegee Wildule Sci1001	K10-3			
McGee Middle School ERU-3 The outside air bird screens are clogged. Recommend cleaning. ERU-3's mixed air and supply air temperature sensors were reading 60°F. McGee Middle School ERU-3 versus the field measured values of 60°F. Recommend recalibrating both sensors. Return air CO2 sensor was reading 220 PPM versus field measured value of	McGee Middle School	RTU-5			unit reset on screen was preventing shutdown.cleared reset-DFR
ERU-3's mixed air and supply air temperature sensors were reading 60°F McGee Middle School ERU-3 versus the field measured values of 66°F. Recommend recalibrating both sensors. Recalibrated-DEB Return air CO2 sensor was reading 220 PPM versus field measured value of	McGee Middle School				
Return air CO2 sensor was reading 220 PPM versus field measured value of					
	McGee Middle School	ERU-3		Recommend recalibrating both sensors.	Recalibrated-DEB
McGee Middle School HVAC-2 450 PPM. Recommend recalibrating or replacing sensor. Recalibrated-DEB					
	McGee Middle School	HVAC-2	450 PPM.	Recommend recalibrating or replacing sensor.	_Recalibrated-DEB

	1	I		-
		ERU-6 does not have filters or a filter bank installed on the return and	to tall 6th and a facility of the facility of	
McGee Middle School	ERU-6	outside entering air sides of the energy recovery wheel. As a result, the wheel and interior of unit are very dirty.	Install filters upstream of energy wheel plenums to allow for air filtration prior to wheel.	
Micdee Middle Scribbi	EKU-0	wheel and interior of drift are very dirty.	Energy wheel should be cleaned, however wheel may need replacing	
		The energy recovery wheel of ERU-6 is extremely dirty and covered in	due to extent of damage. Recommend assessing performance of wheel	
McGee Middle School	ERU-6	debris.	after cleaning.	
McGee Middle School	ERU-6	The outside air intake bird screen is dirty and damaged.	Recommend replacing bird screen.	
		The energy recovery wheel failed to enable when commanded "on" by the		
McGee Middle School	ERU-6	BMS.	Recommend further investigating and correcting issue.	drove wheel on/off status followedDEB
		The outside air damper does not fully close when commanded. Only one		
McGee Middle School	ERU-6	damper blade is connected to the other actuators, the other's remain open.		
		The return air was reading 53F at the BMS versus the actual return air	Recommend confirming the correct sensor is being displayed on the	
McGee Middle School	ERU-6	temperature of 68F.	BMS graphic. If so, sensor should be recalibrated or replaced.	eru6 points are on there own screen.reading 67-DEB
		The supply air temperature failed to rise when the heating valve was		
McGee Middle School	RTU-6	commanded 100% open. The valve could not be physically inspected due to location.	December 1 to 1 t	
McGee Middle School	KIU-6		Recommend reviewing actuator operation further.	
McGee Middle School	RTU-7	The access door to the unit's filter section has been removed and appears broken.	Recommend repairing door.	
McGee Middle School	RTU-7	The unit's condensate trap has been disconnected from the unit.	Recommend repairing door. Recommend repairing condensate trap.	
Micaee Wilder School	,	The outside air damper failed to physically open when commanded to	recommend repairing condensate trap.	
McGee Middle School	RTU-7	100%.	Recommend replacing outside air damper actuator.	
		The supply air temperature failed to rise when the heating valve was		
	ĺ	commanded 100% open. The valve could not be physically inspected due to		
McGee Middle School	RTU-7	location.	Recommend reviewing actuator operation further.	
		The supply air temperature failed to rise when the heating valve was		
		commanded 100% open. The valve could not be physically inspected due to		
McGee Middle School	RTU-9	location.	Recommend reviewing actuator operation further.	
		The entering air side of the heating coil is heavily covered with dust and		
McGee Middle School	MAU-2	debris.	Recommend cleaning coil.	
McGee Middle School	MAU-2	The heating valve appears to have failed 100% open. In general, the cooling operation of the units could not be tested due to the	Recommend replacing actuator. Recommend testing cooling operation of units during the cooling	
McGee Middle School	Cooling Operation	low ambient conditions while onsite.	season.	
Wieder Wilder School	cooming operation	low unibient conditions write orisite.	Recommend modifying the demand control ventilation setpoints so	
		In general, all of the fan coil units have minimum and maximum outside air	that the fan coil units will operate at maximum damper command at all	
McGee Middle School	FCU Operation	damper command setpoints that will modulate based on space CO2 levels.	times. This will increase ventilation rates in the spaces.	drove all min% to 100%.max remained as setDEB
	·	The unit failed to disable when placed into either lock-out or unoccupied	·	
McGee Middle School	FCU-109	mode.	Recommend reviewing programming and correcting.	fan BO had been overridden.cleared-DEB
		The unit serves Rm 104 and is located in a closet within room 102. The		
		return grille for the unit is in room 102, next to the return grille for FCU-102		
McCoo Middle Cel!			Information only	
McGee Middle School	FCU-104	There is no return grille for FCU-104 in Rm 104	Information only	
		When the OA damper was commanded to 90% open, the damper failed to		
McGee Middle School	FCU-104 FCU-231	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed.	Recommend having ATC contractor review functionality.	
		When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A		
McGee Middle School	FCU-231	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the	Recommend having ATC contractor review functionality.	
		When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy.		
McGee Middle School	FCU-231	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the	Recommend having ATC contractor review functionality.	
McGee Middle School	FCU-231	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters.	
McGee Middle School	FCU-231	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode.	Recommend having ATC contractor review functionality.	
McGee Middle School McGee Middle School	FCU-231 HVAC-4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to	
McGee Middle School McGee Middle School McGee Middle School	FCU-231 HVAC-4 HVAC-4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible.	
McGee Middle School McGee Middle School	FCU-231 HVAC-4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible.	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School	HVAC-4 HVAC-4 RTU-1	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled"	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School	FCU-231 HVAC-4 HVAC-4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode"	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" in general, many of the units would not operate in cooling mode due to low	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School	HVAC-4 HVAC-4 RTU-1	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode"	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only	viv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUs General	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures.	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" in general, many of the units would not operate in cooling mode due to low	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUS General UV-E3	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator.	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUs General	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures.	viv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUS General UV-E3	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator.	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUs General UV-E3 UV-E4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator. Recommend replacing damper actuator. Recommend installing a damper actuator and repairing controls as	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School Willard School Willard School Willard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUs General UV-E3 UV-E4	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" in general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode. The outside air damper failed to modulate when placed into cooling mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator. Recommend replacing damper actuator. Recommend installing a damper actuator and repairing controls as needed. Information only	vlv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Millard School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUs General UV-E3 UV-E4 UV-E5 UV-E7	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode. The outside air damper failed to modulate when placed into cooling mode. The outside air damper failed to modulate when placed into cooling mode. The outside air damper failed to modulate when placed into cooling mode.	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator. Recommend installing a damper actuator and repairing controls as needed. Information only Recommend installing a damper actuator and repairing controls as	viv verified ok.only modulates on heat call-DEB
McGee Middle School McGee Middle School McGee Middle School Willard School	FCU-231 HVAC-4 HVAC-4 RTU-1 RTU-7 RTUS General UV-E3 UV-E4 UV-E5	When the OA damper was commanded to 90% open, the damper failed to modulate and remained closed. The hot water coil is located upstream of the unit in the outside air duct. A filter bank for 1"filters is in place, however the filter has collapsed and the entering air side of the coil is filthy. The outside air actuator has been loosened and is not connected to the shaft. However, the heating coil is only located in the outside air duct. As a result, the only way to provide heat is to operate the unit at 100% outside air mode. The supply air temperature failed to rise when the heating valve was commanded 100% open. The valve could not be physically inspected due to location. Unit was found to be forced into "night mode" but was left in "scheduled mode" In general, many of the units would not operate in cooling mode due to low ambient temperatures. The outside air damper failed to modulate when placed into cooling mode. The outside air damper failed to modulate when placed into cooling mode. The outside air damper actuator has been removed from unit. UV-E7 is a newer unit ventilator controlled by a MicroTech II controller. SES	Recommend having ATC contractor review functionality. Recommend cleaning coil and installing filters. Recommend retightening damper actuator and moving heating coil to a location downstream of supply fan if possible. Recommend having ATC contractor investigate HW valve function Information only Recommend Berlin staff assess cooling operation during warmer temperatures. Recommend replacing damper actuator. Recommend replacing damper actuator. Recommend installing a damper actuator and repairing controls as needed. Information only	vIv verified ok.only modulates on heat call-DEB

			-	
		Unit failed to enable when switched "on". Controls and actuators could not		
Willard School	UV-E9	be tested as a result.	Recommend servicing unit ventilator to verify operation.	
			Recommend installing a damper actuator and repairing controls as	
Willard School	UV-E12	The outside air damper actuator has been removed from unit.	needed.	
Willard School	UV-E15	The outside air damper failed to modulate when placed into cooling mode.	Recommend replacing actuator.	
Willard School	UV-E15	The how water valve actuators appears to be failed open.	Recommend replacing actuator.	
			Recommend installing a damper actuator and repairing controls as	
Willard School	UV-N1	The outside air damper actuator has been removed from unit.	needed.	
		The unit ventilator located on the right side of the room is not operable.		
Willard School	UV-N11	Thermostat has failed.	Recommend replacing thermostat.	
		The outside air damper actuator located in the unit ventilator located on th	2	
		left side of the room failed to modulate open when placed into cooling		
Willard School	UV-S2	mode.	Recommend replacing actuator.	
		The outside air damper actuator located in the unit ventilator located on the		
		right side of the room failed to modulate open when placed into cooling		
Willard School	UV-S2	mode.	Recommend replacing actuator.	
		The hot water valve actuator located in the unit ventilator located on the		
		right side of the room failed to modulate open when placed into heating		
Willard School	UV-S2	mode.	Recommend replacing actuator.	
		The hot water valve located in the unit ventilator located on the left side of		
Willard School	UV-S5	the room appears to failed open.	Recommend replacing actuator.	
		The outside air damper actuator located in the unit ventilator located on th		
		right side of the room failed to modulate open when placed into cooling		
Willard School	UV-S5	mode.	Recommend replacing actuator.	
		The hot water valve actuator located in the unit ventilator located on the		
		right side has been physically disconnected from the valve stem and is not		
Willard School	UV-S5	operable.	Recommend replacing actuator.	
		The damper linkage has been physically disconnected. Actuator fails to		
Willard School	UV-W3	modulate dampers.	Recommend replacing damper actuator and repairing damper linkage.	
Willard School	UV-W5	The hot water valve is leaking, causing severe corrosion in the piping.	Recommend replacing valve and actuator and repairing piping.	
		The outside air damper actuator failed to modulate when placed into		
Willard School	UV-W6	cooling mode.	Recommend replacing damper actuator	
Willard School	UV-W7	The hot water valve is leaking, causing severe corrosion in the piping.	Recommend replacing valve and actuator and repairing piping.	
		The outside air damper actuator failed to modulate when placed into		
Willard School	UV-W11	cooling mode.	Recommend replacing damper actuator	
		The outside air damper actuator failed to modulate when placed into		
Willard School	UV-W12	cooling mode.	Recommend replacing damper actuator	
Willard School	UV-W13	No outside air damper actuator is installed.	Recommend installing damper actuator.	
Willard School	UV-W13	The hot water valve is stuck closed.	Recommend replacing actuator and/or valve body.	
		The outside air damper actuator failed to modulate when placed into		
Willard School	UV-W15	cooling mode.	Recommend replacing damper actuator	
	1	V"	I am a sumple with particular to the particular	