Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School Building Letter/Number: Bldg. A

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
Yes	DX Package, Split System	
	Heat Type:	
	Hot Water	
Yes	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:
Fair	General System Condition Campus Wide
19	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
Fair	Ductwork Condition
	Boiler Condition

Refrigerant Type: R22 Energy STAR Rating: ASHRAE Life Expectance 15 yrs. SEER/EER Rating 10 Manufacturer Season-4

General Comments:

Audubon Elementary School

Unit's in operable condition. Have replaced compressors and refrigerant leaks on multiple units. Drain lines are original, the have cracked, broken over time and do not run to roof drains.

System Description/Summary

(4) Season-4 DX multi-zone package units

St	Status and Function of Controls			

Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School Building Letter/Number: Bldg. B

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
Yes	DX Package, Split System	
	Heat Type:	
	Hot Water	
Yes	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
Fair	General System Condition Campus Wide	
18	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
Fair	Ductwork Condition	
	Boiler Condition	

Audubon Elementary School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R22 Energy STAR Rating: ASHRAE Life Expectance 15 yrs. SEER/EER Rating 10 Manufacturer York General Comments: Unit's in operable condition. System Description/Summary (3) DX package unit with electric heat

Audubon Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: Audubon Elementary School **Building Letter/Number:** Bldg. C

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
Yes	DX Package, Split System	
	Heat Type:	
	Hot Water	
Yes	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
Good	General System Condition Campus Wide	
11	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
Good	Ductwork Condition	
	Boiler Condition	

Audubon Elementary School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R410 Energy STAR Rating: ASHRAE Life Expectance 15 yrs. SEER/EER Rating 11 Manufacturer Trane General Comments: Unit's in operable condition. System Description/Summary (1) 25-ton package unit with electric re-heat vav's.

Broadmoor Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR ELEM **Building Letter/Number:** BLDG. A

Yes/No	System Type:
YES	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
YES	Mini Split
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:	
GOOD	General System Condition Campus Wide	
4	Age of Unit:	
	Chilled Water Piping	
GOOD	Piping Issues	
	Condenser Water Piping	
GOOD	Piping Issues	
	Hot Water Piping	
GOOD	Piping Issues	
GOOD	Piping Insulation	
GOOD	Ductwork Condition	
GOOD	Boiler Condition	

Broadmoor Elementary School

Refrigerant Type: R134	
Energy STAR Rating:	
ASHRAE Life Expectance: 20 YRS.	
SEER/EER Rating: 11	
Manufacturer: YORK CHILLERS, CARRIER AHU'S, DAIKIN MS, FULTO	N BOILERS
General Comments:	
ALL UNIT'S IN OPERABLE CONDITION. THIS SITE HAS UV BULBS IN HANDLERS.	ALL AIR
System Description/Summary	
(2) AIR COOLED CHILLERS, (8) AIR HANDLERS, (8) MINI SPLITS, (2) DX SPLIT SYSTEMS	BOILER, (2)
Status and Function of Controls	
DDC CONTROLS, OPERABLE.	

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH Building Letter/Number: BLDG. A,B,E,H

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
25+	Age of Unit:
	Chilled Water Piping
YES	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
YES	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

Broadmoor High School

HVAC Assessments - DISTRICT 1

Refrigerant Type: N/A Energy STAR Rating: ASHRAE Life Expectance: 20 SEER/EER Rating: N/A Manufacturer MCQUAY General Comments: UNITS IN POOR CONDITION, PARTS NOT AVAILABLE, PIPING & INSULATION IN POOR CONDITION System Description/Summary (70) 2 PIPE FAN COIL UNITS Status and Function of Controls

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH Building Letter/Number: BLDG. C

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
6 YEARS	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

Broadmoor High School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R410 Energy STAR Rating: ASHRAE Life Expectance: 18 SEER/EER Rating: 17.4 Manufacturer CARRIER PACKAGE UNITS General Comments: UNITS IN GOOD CONDITION, HOWEVER ALL CONDENSER COILS WERE REPLACED UNDER WARRANTY DUE TO REFRIGERANT LEAKS. System Description/Summary (1) SPLIT, (5) PACKAGE UNITS Status and Function of Controls

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH Building Letter/Number: BLDG. D, I

Yes/No	System Type:
	Air-Cooled Chillers
YES	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
YES	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
30+	Age of Unit:
	Chilled Water Piping
YES	Piping Issues
	Condenser Water Piping
FAIR	Piping Issues
	Hot Water Piping
	Piping Issues
YES	Piping Insulation
	Ductwork Condition
FAIR	Boiler Condition

Broadmoor High School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R11 Energy STAR Rating: ASHRAE Life Expectance: 20 SEER/EER Rating: N/A Manufacturer YORK CHILLER, RITE BOILER, BAC COOLING TOWER General Comments: UNITS IN FAIR CONDITION, PARTS NOT AVAILABLE, PIPING & INSULATION IN POOR CONDITION, UNITS HAVE OVERLY EXCEEDED LIFE EXPECTANCY. HAD TO WELD TAPS IN PIPING FOR RENTAL CHILLER BC OF AN OIL PUMP FAILURE AND REFRIGERANT LEAK. R11 REFRIGERANT HASN'T BEEN PRODUCED IN 15+ YEARS. System Description/Summary (1) CHILLER, (2) BOILERS, (1) COOLING TOWER

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH Building Letter/Number: BLDG. E

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
2	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

Broadmoor High School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R410A Energy STAR Rating: ASHRAE Life Expectance: 18 SEER/EER Rating: N/A Manufacturer TRANE PACKAGE UNITS General Comments: UNITS IN GOOD CONDITION, CMC REPLACED THESE UNITS FOR CAFETERIA. System Description/Summary (3) PACKAGE UNITS Status and Function of Controls

Broadmoor High School

EBRPSS HVAC Equipment System Assessment

School Name: BROADMOOR HIGH Building Letter/Number: BLDG. F,G,N

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	GAS
	FAN COIL
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
20+	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
YES	Ductwork Condition
	Boiler Condition

Broadmoor High School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R22 Energy STAR Rating: ASHRAE Life Expectance: 18 SEER/EER Rating: N/A Manufacturer MIXED MANUF. PACKAGE UNITS General Comments: UNITS IN GOOD CONDITION, HOWEVER ALL CONDENSER COILS WERE REPLACED UNDER WARRANTY DUE TO REFRIGERANT LEAKS. System Description/Summary (5) PACKAGE UNITS Status and Function of Controls

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM Building Letter/Number: BLDG. A

Yes/No	System Type:
-	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

River Oaks Elementary School

Refrigerant Type: R22	-
Energy STAR Rating:	-
ASHRAE Life Expectance 15 YRS.	<u>-</u>
SEER/EER Rating 9	.
Manufacturer SEASON-4,	-
General Comments:	
UNIT'S IN OPERABLE CONDITION.	
System Description/Summary	
(4) SEASON-4 DX MULTI-ZONE ROOFTOP DX PACKAGE UNITS	
Status and Function of Controls	
DDC CONTROLS, OPERABLE.	

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM Building Letter/Number: BLDG. B

Yes/No	System Type:
-	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

River Oaks Elementary School

Refrigerant Type: R22	
Energy STAR Rating:	
ASHRAE Life Expectance: 15 YRS.	
SEER/EER Rating: 10	
Manufacturer: ARMSTRONG	
General Comments:	
UNIT'S IN OPERABLE CONDITION. HAVE REPLACED COMPRESSOR, RE REFRIGERANT LEAKS.	EPAIRED
System Description/Summary	
(4) ARMSTRONG ROOFTOP DX PACKAGE UNITS	
Status and Function of Controls	
DDC CONTROLS, OPERABLE.	

River Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: RIVEROAKS ELEM Building Letter/Number: BLDG.D

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
FAIR	Ductwork Condition
	Boiler Condition

River Oaks Elementary School

Refrigerant Type: R410	-
Energy STAR Rating:	-
ASHRAE Life Expectance: 15 YRS.	-
SEER/EER Rating: 10	
Manufacturer: YORK	-
General Comments:	
UNIT'S IN OPERABLE CONDITION.	
System Description/Summary	
(1) JCI ROOFTOP DX PACKAGE UNIT WITH ELECTRIC REHEAT VAV	ľS.
Status and Function of Controls	
DDC CONTROLS, OPERABLE.	

Sherwood Middle School

EBRPSS HVAC Equipment System Assessment

School Name: SHERWOOD MS

Building Letter/Number:

Yes/No	System Type:		
	Air-Cooled Chillers	I	NO
	Water Cooled Chillers	,	YES
	Heat Type:		
	Hot Water		NO
	Electric	,	YES
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit	,	YES
	Heat Type:		
	Hot Water		NO
	Electric	,	YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:	,	YES
	2-pipe	,	YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		1995
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

Sherwood Middle School

	Hot Water Piping	N/A
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	MAIN BUILDING	
System Description/Summary:		
	WATER COOLED TRANE SCREW CHILLERS	
	HILL WATER MULTIZONE AHUS WITH ELECTRIC HEAT IAS ROOFTOP PACKAGE UNITS WITH ELECTRIC HEAT FOR BACKUP	
OTTICE MILETT	and roof for the kiel of the with EEE critic heart for Breker	
Status and Function of Controls:		
Status and 1 unction of Controls.		

Sherwood Middle School

EBRPSS HVAC Equipment System Assessment

В

School Name: SHERWOOD MS

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	1994
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Sherwood Middle School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	ANNEX BUILDING	
C		
System Description/Summary:	OP SINGLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT	
	PLIT SYSTEM AND SUSPENDED HEATERS FOR SHOP AREA	
Status and Function of Controls:		

Southeast Middle School

EBRPSS HVAC Equipment System Assessment

School Name: SOUTHEAST MIDDLE Building Letter/Number: BLDG. A

Yes/No	System Type:
	Air-Cooled Chillers
YES	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
YES (1-10TON)	DX Package, <mark>Split System</mark>
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
20	Age of Unit:
	Chilled Water Piping
POOR	Piping Issues
	Condenser Water Piping
FAIR	Piping Issues
	Hot Water Piping
POOR	Piping Issues
POOR	Piping Insulation
POOR	Ductwork Condition
FAIR	Boiler Condition

Southeast Middle School

Refrigerant Type: R22	
Energy STAR Rating:	
ASHRAE Life Expectance 20	
SEER/EER Rating 7-9	
Manufacturer TRANE CHILLER & SPLIT SYSTEM, THERMO PAK BOILER, MCQUAY AHU'S	
General Comments:	
UNITS IN OPERABLE CONDITION. HAVE HAD R22 LEAKS ON BOTH CHILLERS FROM POWER STUDS ON COMPRESSORS AND LOST 200#'S OF R22. AIR HANDLERS AND BOILERS ARE OPERABLE, COOLING TOWER HAS HAD MAJOR WORK DONE THE PAST 5 YEARS.	Т
System Description/Summary	
(2) CHILLER, (1) BOILER, (8) AHU'S, (1) COOLING TOWER, (1) 10-TON SPLIT	
Status and Function of Controls	

Southeast Middle School

EBRPSS HVAC Equipment System Assessment

School Name: SOUTHEAST MIDDLE Building Letter/Number: BLDG. B

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
GOOD	Ductwork Condition
	Boiler Condition

Southeast Middle School

HVAC Assessments - DISTRICT 1

Refrigerant Type: R410A Energy STAR Rating: ASHRAE Life Expectance: 20 SEER/EER Rating: 10 Manufacturer YORK General Comments: UNITS IN GOOD CONDITION System Description/Summary (1) ROOFTOP UNIT W/ VAV'S Status and Function of Controls

Twin Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: TWIN OAKS ELEM Building Letter/Number: A

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
VEC	DV Park and Call's Cartain
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	FAN Coil
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
POOR	General System Condition Campus Wide
19	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
POOR	Ductwork Condition
	Boiler Condition

Twin Oaks Elementary School

Refrigerant Type: R22	_
Energy STAR Rating:	
Energy 517 to Nating.	-
ASHRAE Life Expectance: 15	
ASTINAL LITE EXPECTATION. 15	•
SEER/EER Rating: 9	
JELIY EER Rating. 9	-
Manufacturary CARRIED	
Manufacturer: CARRIER	-
General Comments:	
ALL UNITS ORIGINAL TO BUILDING AND ALL IN OPERABLE CONDITION. PA	
THE CARRIER MULTIZONES ARE DISCONTINUED, MULTIPLE COMRESSOR	
BEEN REPLACED AND REFRIGERANT LEAKS REPAIRED. WE HAVE HAD TO	
PANS FOR UNITS DUE TO DESIGN ISSUES WITH CONDENSATE PANS / PIP	ING.
System Description/Summary	
System Description/Summary (5) CARRIER MULTIZONE PACKAGE UNIT, (3) CARRIER PACKAGE UNIT	
(5) CARRIER MULTIZONE PACKAGE UNIT, (3) CARRIER PACKAGE UNIT Status and Function of Controls	
(5) CARRIER MULTIZONE PACKAGE UNIT, (3) CARRIER PACKAGE UNIT	

Twin Oaks Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: TWIN OAKS
Building Letter/Number: BLDG. C

Yes/No	System Type:
163/140	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
YES	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
YES	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
	Chilled Water Piping:
	2-pipe
	4-pipe

Good, Fair, Poor	System Condition:
FAIR	General System Condition Campus Wide
10	Age of Unit:
	Chilled Water Piping
	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
	Piping Insulation
GOOD	Ductwork Condition
	Boiler Condition

Twin Oaks Elementary School

Refrigerant Type: R410	
Energy STAR Rating:	
ASHRAE Life Expectance: 15 YRS.	
SEER/EER Rating: 10	
Manufacturer: CARRIER	•
General Comments:	
UNIT'S IN OPERABLE CONDITION. CONDENSER ARE DAMAGED, NE HAVE BEEN ORDERED BUT ARE ON BACK ORDER.	EW ONES
System Description/Summary	
(1) CARRIER ROOFTOP DX PACKAGE UNITS WITH REHEAT VAV'S. (SPLITS	1) LG MINI
Status and Function of Controls	
DDC CONTROLS, OPERABLE.	

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

Α

School Name: WEDGEWOOD

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	·
	General System Condition Campus Wide	FAIR
	Age of Unit:	1999
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22 & R-407C	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	CARRIER	
General Comments:		
	MAIN BUILDING	
System Description/Summary:		
	MULTIZONE DX PACKAGE UNITS WITH GAS HEAT FOR CLASSROOM	IS
ROOFTOP SING	GLE ZONE DX WITH GAS HEAT FOR LIBRARY AND OFFICE AREAS	
Status and Function of Controls:		
1		

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: WEDGEWOOD

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	 GOOD
	Age of Unit:	 2010
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE & JOHNSON CONTROLS	
General Comments:		
System Description/Summary:		
	ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEMS	
	VAV BOXES HAVE ELECTRIC HEAT	
Status and Function of Controls:		

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

С

School Name: WEDGEWOOD

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2002
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Wedgewood Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	AAON	
General Comments:		
System Description/Summary:		
	ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEMS VAV BOXES HAVE ELECTRIC HEAT	
	VAV BOAES HAVE ELECTRIC HEAT	
Status and Function of Controls:		

Wedgewood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: WEDGEWOOD

Building Letter/Number: F --- NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	

Wedgewood Elementary School Piping Issues Hot Water Piping Piping Issues Piping Insulation **Ductwork Condition Boiler Condition** Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: Status and Function of Controls:

Brownfields Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Brownfields Elem
Building Letter/Number A,B,C,D,E,F

Yes/No	System Type	
YES	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
YES		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	-,	
fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

brownneius i	Elementary School	
	Refigerant Type:	R-22
	Energy STAR Rating:	N/A
	ASHRAE Life Expectance	Beyond
	SEER/EER Rating	
	Manufacturer	
	General Comments	
	fair	
	System Desciption/Summary fair	
	Status and Function of Controls	
	fair	

Brownfields Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Brownfields Elem
Building Letter/Number G

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

0000, 011, 1001	System comandioni	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

Brownfields I	Elementary Scho	001	
	Refigerant Type:	R-22	
	Energy STAR Rating:	N/A	
	ASHRAE Life Expectance	Beyond	
	SEER/EER Rating		
	Manufacturer		
	General Comments		
	fair		
	System Desciption/Summa fair	ary	
	Status and Function of Cor	ntrols	
	fair		

Claiborne Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Claiborne Elem.

Building Letter/Number A, B

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

Good, Fair, Poor System Condition:

	- 1	
fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Claiborne Elementary School	
	•
Refigerant Type:	R-22
Energy STAR Rating:	N/A
ASHRAE Life Expectance	Beyond
SEER/EER Rating	
Manufacturer	
General Comments	
fair	
L	
System Desciption/Summary fair	
Status and Function of Contro	pls
fair	

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

Α

School Name: FOREST HEIGHTS

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	<u> </u>
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	NO
Refrigerant Type:	R-22, R407C	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	SEASON 4	
General Comments:		
	UNITS ARE IN FAIR TO GOOD CONDITION	
System Description/Summary:		
	OOFTOP UNITS WITH DX COOLING AND GAS HEAT.	
HOT ANI	O COLD DECK WITH ZONE MIXING DAMPERS IN EACH RTU.	
Status and Function of Controls:		
Status and Punction of Controls.		

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name: FOREST HEIGHTS

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DT1111 11	YES
	RTU Unit	
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	YORK	
General Comments:		
THR	EE CLASSROOMS WITH ONE RTU UNIT FOR EACH ROOM	
System Description/Summary:		
(3) ROO	FTOP PACKAGE UNITS WITH D/X COOLING AND GAS HEAT	
	CONSTANT VOLUME SINGLE ZONE	
1		
Status and Function of Controls:		

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

С

School Name: FOREST HEIGHTS

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	YES
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	 FAIR
	Age of Unit:	2004
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Forest Heights Academy

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE, AAON	
ivianulacturer.		
General Comments:		
General Comments.		
System Description/Summary:		
	AHU IN ATTIC AREA AND CONDENSERS ON THI	E GROUND. ELECTRIC HEAT.
OUTDO	OR AIR UNIT IS AN AAON PACKAGE UNIT ON TH	E GROUND.
tatus and Function of Controls:		
tatus and Function of Controls.		

Forest Heights Academy

EBRPSS HVAC Equipment System Assessment

School Name: FOREST HEIGHTS

Building Letter/Number: D ---- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:	ı	
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		

Forest Heights Academy

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
System Description/Summary:		
Status and Function of Controls:		

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS PARK ELEMENTARY

Yes/No	System Type:		
	Air-Cooled Chillers	l l	NO
	Water Cooled Chillers		NO
	Heat Type:	l l	NO
	Hot Water	I	NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		NO
	Hot Water		NO
	Electric		NO
			NO
	Chilled Water Piping:		
	2-pipe		NO NO
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping	I	N/A

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22, R-407C	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	CARRIER	
General Comments:		
	CARRIER MULTIZONES	
System Description/Summary:		
	RRIER MULTIZONES ROOFTOP UNITS WITH GAS HEAT.	
	D OFFICE HAVE SINGLE ZONE ROOFTOP UNITS WITH GAS HEAT	
Status and Function of Controls:		
Status and Function of Controls:		
l		

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS PARK ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	NO
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
2000, 100, 100	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	YORK	
General Comments:		
	QUAD BUILDING	
System Description/Summary:		
	ONLY ROOFTOP PACKAGE UNIT WITH VFD FOR VAV SYSTEM	
	CLASSROOM VAV'S HAVE ELECTRIC HEAT	
Grand III of Control		
Status and Function of Controls:		
l		

Glen Oaks Park Elementary School

EBRPSS HVAC Equipment System Assessment

С

School Name: GLEN OAKS PARK ELEMENTARY

NO NO
NO
NO
r NO
NO
NO
NO
r NO
NO
YES
NO
r NO
YES
NO
NO
r NO
NO
NO
NO
NO
Condition:
ide FAIR
N/A
N/A
N/A

Glen Oaks Park Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	JOHNSON CONTROLS	
General Comments:		
	QUAD BUILDING	
System Description/Summary:		
COOLING	ONLY ROOFTOP PACKAGE UNIT WITH VFD FOR VAV SYSTEM	
	CLASSROOM VAV'S HAVE ELECTRIC HEAT	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	FAIR
	Piping Issues	FAIR

Glen Oaks High School

	Hot Water Piping		FAIR
	Piping Issues		FAIR
	Piping Insulation		FAIR
	Ductwork Condition		FAIR
	Boiler Condition		FAIR
Refrigerant Type:			
Energy STAR Rating:			
ASHRAE Life Expectance:			
SEER/EER:			
Manufacturer:		<u></u>	
General Comments:			
	CHILLERS IN R BUILDING		
	BOILERS IN J BUILDING		
System Description/Summary:			
	COOLING ONLY FAN COIL UNITS IN CLASSROOMS		
	HEAT ONLY AHU ABOVE CEILING		
Status and Function of Controls:			

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

В

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	YES
	Heat Type:	120
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2021
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Glen Oaks High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A
		•
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	JOHNSON CONTROLS	
General Comments:		
	BRAND NEW 2021	
System Description/Summary:		
	LEA SINGLE ZONE ROOFTOP PACKAGE UNITS ELECTIC HEAT AST SIDE- ROOFTOP PACKAGE UNIT FOR VAV SYSTEM	
E.P.	VAVS HAVE ELECTRIC HEAT	
WEST S	SIDE - SINGLE ZONE DX SPLIT SYSTEM WITH ELECTIC HEAT	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

С

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	FAIR
	Piping Issues	FAIR

Glen Oaks High School

	Hot Water Piping		FAIR
	Piping Issues		FAIR
	Piping Insulation		FAIR
	Ductwork Condition		FAIR
	Boiler Condition		FAIR
Refrigerant Type:			
Energy STAR Rating:			
ASHRAE Life Expectance:			
SEER/EER:			
Manufacturer:		<u></u>	
General Comments:			
	CHILLERS IN R BUILDING		
	BOILERS IN J BUILDING		
System Description/Summary:			
	COOLING ONLY FAN COIL UNITS IN CLASSROOMS		
	HEAT ONLY AHU ABOVE CEILING		
Status and Function of Controls:			

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

Ε

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2018
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Glen Oaks High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	FAIR
		•
Refrigerant Type:	R-410A	
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		_
Manufacturer:	CARRIER	_
		_
General Comments:		
	BUILDING BUILT IN 2018	
	CHILLERS IN R BUILDING	
	BOILERS IN J BUILDING	
System Description/Summary:		
	ILL WATER VARIABLE SPEED AHUS FOR VAV SYSTEM	
	VAV BOXES HAVE HOT WATER COILS OFFICE AREA HAS DX BACKUP	
	OFFICE AREA HAS DX BACKUP	
Status and Function of Controls:		
Controls		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	FAIR
	Piping Issues	FAIR

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLERS IN R BUILDING	
	BOILERS IN J BUILDING	
System Description/Summary:		
, ,	4 PIPE AHUS IN ATTIC FOR EACH CLASSROOM	
Status and Function of Controls:		
Status and Function of Controls.		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	RHEEM	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments: ystem Description/Summary: SI	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments:	NGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
<u> </u>	General System Condition Campus Wide	FAIR
	Age of Unit:	2018
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:	R-410	
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		_
Manufacturer:	CARRIER	_
General Comments:		
System Description/Summary:	DUIT SYSTEMS WITH ELECTRIC HEAT FOR VITCHEN AND	DINING ADEAC
	PLIT SYSTEMS WITH ELECTRIC HEAT FOR KITCHEN AND	DINING AREAS
DX SINGLE ZONE SI	PLIT SYSTEMS WITH ELECTRIC HEAT FOR KITCHEN AND	DINING AREAS
	PLIT SYSTEMS WITH ELECTRIC HEAT FOR KITCHEN AND	DINING AREAS
DX SINGLE ZONE SI	PLIT SYSTEMS WITH ELECTRIC HEAT FOR KITCHEN AND	DINING AREAS

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	YES
	Electric	YES
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	GYM	
System Description/Summary:		
	BOILERS LOCATED IN THIS BUILDING NATURAL GAS BOILERS WITH POWER BURNERS	
	CONSTANT VOLUME PUMP SCHEME	
	NGLE ZONE PACKAGE UNITS WITH ELECTRIC FOR GYM	
	SPLIT SYSTEMS WITH ELECTRIC HEAT THROUGHOUT	
GROUNI	D LEVEL COOLING ONLY PACKAGE UNITS FOR AUDITORIUM HEAT ONLY AHUS FOR AUDITORUM UNITS	
	HEAT ONLY AROSTOR AUDITOROM UNITS	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Hot Water Piping Piping Issues Piping Insulation Ductwork Condition Boiler Condition	
Piping Insulation Ductwork Condition Boiler Condition Refrigerant Type: R-22 Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	N/A
Ductwork Condition Refrigerant Type: R-22 Energy STAR Rating: SER/EER: SER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	N/A
Refrigerant Type: R-22 Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	N/A
Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	FAIR
Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	N/A
Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
ASHRAE Life Expectance: SEER/EER: CHA16-653-7Y	
SEER/EER: Manufacturer: CHA16-653-7Y General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
General Comments: System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
System Description/Summary: SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
SINGLE ZONE ROOFTOP PACKAGE UNIT WITH GAS HEAT	
Status and Function of Controls:	

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	'
	General System Condition Campus Wide	FAIF
	Age of Unit:	
	Chilled Water Piping	FAIF
	Piping Issues	FAIF
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	MCQUAY	
General Comments:		
	PNUEMATIC CONTROLS	
System Description/Summary:		
	COLD DECK AHU WITH HOT WATER AND CHILL WATER COILS ATIC CONTROLLED MIXING BOXES FOR EACH CLASSROOM	
TIVEOW	ATIC CONTROLLED MIAING BOALS FOR EACH CLASSROOM	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2008
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
	SINGLE ZONE ROOFTOP UNITS WITH ELECTRIC HEAT	
	SINGLE ZONE SPLIT SYSTEM WITH ELECTRIC HEAT	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
		163
	Heat Type: Hot Water	NO
		+
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2008
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
	SINGLE ZONE ROOFTOP UNITS WITH ELECTRIC HEAT	
~		
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Building Letter/Number: 0,S,Q --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	27111		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Wester Pinion		
	Chilled Water Piping: 2-pipe	+	
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		

Glen Oaks High School Hot Water Piping Piping Issues Piping Insulation **Ductwork Condition Boiler Condition** Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: Status and Function of Controls:

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	LENNOX	
General Comments:		
System Description/Summary:		
	SINGLE ZONE ROOFTOP UNIT	
Status and Function of Controls:		
Status and Function of Controls.		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

School Name: GLEN OAKS HIGH

Building Letter/Number: R - CHILLER MECH

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		YES
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:	-	
	General System Condition Campus Wide		FAIR
	Age of Unit:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	GOOD
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
	WATER COOLED TRANE SCREW CHILLERS COOLING TOWER	
SMA	LL NATURAL DRAFT BOILER LOCATED IN THIS BUILDING	
G 1		
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

Т

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
		110
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	NORDYNE, EUBANKS	
General Comments:		
System Description/Summary:		
System Besting tion summing.	WALLMOUNT SINGLE ZONE UNITS	
	SINGLE ZONE DX SPLIT SYSTEMS	
Status and Function of Controls:		

Glen Oaks High School

EBRPSS HVAC Equipment System Assessment

U

School Name: GLEN OAKS HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	110
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Piping Issues N/A	
Piping Insulation N/A	
Ductwork Condition FAIR	
Boiler Condition N/A	
Refrigerant Type: R-22	
Energy STAR Rating:	
ASHRAE Life Expectance:	
SEER/EER:	
Manufacturer:	
General Comments:	
System Description/Summary:	
SINGLE ZONE DX SPLIT SYSTEM	
Status and Function of Controls:	

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MERRYDALE ELEM

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	 N/A

Merrydale Elementary School

	Piping Issues	N/A	
	Hot Water Piping	N/A	
	Piping Issues	N/A	
	Piping Insulation	N/A	
	Ductwork Condition	N/A	
	Boiler Condition	N/A	
Refrigerant Type:	R-22		
Energy STAR Rating:			
ASHRAE Life Expectance:			
SEER/EER:			
Manufacturer:	SEASON 4		
General Comments:			
	MAIN BUILDING		
System Description/Summary:			
	TIZONE ROOFTOP DX PACKAGE UNITS WITH GAS HEAT		
Status and Function of Controls:			
Status and I unction of Controls.			

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MERRYDALE ELEM

Building Letter/Number: B - NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	-
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe 4-pipe	
Cood Fair Door	System Condition:	
Good, Fair, Poor	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	

Merrydale Elementary School Piping Issues Hot Water Piping Piping Issues Piping Insulation **Ductwork Condition Boiler Condition** Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: Status and Function of Controls:

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

С

School Name: MERRYDALE ELEM

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2001
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Merrydale Elementary School

	Piping Issues	N/A	١
	Hot Water Piping	N/A	١
	Piping Issues	N/A	١
	Piping Insulation	N/A	١
	Ductwork Condition	N/A	١
	Boiler Condition	N/A	١
Refrigerant Type:	R-22		
Energy STAR Rating:			
ASHRAE Life Expectance:			
SEER/EER:			
Manufacturer:	YORK		
General Comments:			
System Description/Summary:			
	ROOFTOP DX PACKAGE UNITS WITH GAS HEAT		
	ONE UNIT PER CLASSROOM		
tatus and Function of Controls:			

Merrydale Elementary School

EBRPSS HVAC Equipment System Assessment

D

School Name: MERRYDALE ELEM

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2008
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Merrydale Elementary School

	Piping Issues		N/A
	Hot Water Piping		N/A
	Piping Issues		N/A
	Piping Insulation		N/A
	Ductwork Condition		FAIR
	Boiler Condition		N/A
Refrigerant Type:	R-22		
Energy STAR Rating:		_	
ASHRAE Life Expectance:		_	
SEER/EER:		_	
Manufacturer:	TRANE	_	
		_	
General Comments:			
	QUAD BUILDING		
System Description/Summary:			
System Bescription Summary.	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM		
	VAV BOXES HAVE ELECTRIC HEAT		
Status and Function of Controls:			

Northeast Elementary School

Northeast High School

EBRPSS HVAC Equipment System Assessment

School Name Northeast High School Building Letter/Number A, B, C, D, F

Yes/No	System Type	
	Air-Cooled Chillers	
yes	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
yes		4-pipe

Good, Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Refigerant Type: R-22	
Energy STAR Rating: N/A	
ASHRAE Life Expectance Beyond	
SEER/EER Rating	
Manufacturer	
General Comments	
System Description/Summany	
fair	
Status and Function of Controls	
	Energy STAR Rating: N/A ASHRAE Life Expectance Beyond SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair

Northeast High School

EBRPSS HVAC Equipment System Assessment

School Name Northeast High School Building Letter/Number E

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

0000,1011,1001	System condition	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

Refigerant Type: R-22	
Energy STAR Rating: N/A	
ASHRAE Life Expectance Beyond	
SEER/EER Rating	
Manufacturer	
General Comments	
System Desciption/Summary fair	
Status and Function of Controls fair	
ian	

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

, - ,		
poor	General System Condition Campus Wide	
poor		Age of Unit:
poor	Chilled Water Piping	
poor		Piping Issues
poor	Condenser Water Piping	
poor		Piping Issues
poor	Hot Water Piping	
poor		Piping Issues
poor	Piping Insulation	
poor	Ductwork Condition	
poor	Boiler Condition	

onaron milis i	Elementary School	
	Refigerant Type:	R-22
	Energy STAR Rating:	N/A
	ASHRAE Life Expectance	
	SEER/EER Rating	
	Manufacturer	McQuay
	General Comments	·
	System Desciption/Summary	
	poor	
	Status and Function of Control	
	Status and Function of Controls poor	

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yse		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

	-,	
fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

arun mi	lis Elementary School		
	Refigerant Type:	r-22	
	Energy STAR Rating:	N/A	
	ASHRAE Life Expectance		
	SEER/EER Rating		
	Manufacturer		
	General Comments		
	System Desciption/Summar fair	/	
	lali		
	Status and Function of Cont fair	rols	

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

	- 1	
fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Refigerant Type: r-22	
Energy STAR Rating: N/A	
ASHRAE Life Expectance	
SEER/EER Rating	
Manufacturer	
General Comments	
System Desciption/Summary	
Status and Function of Controls	
fair	

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.
Building Letter/Number

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

poor	General System Condition Campus Wide		
poor		Age of Unit:	
poor	Chilled Water Piping		
poor		Piping Issues	
poor	Condenser Water Piping		
poor		Piping Issues	
poor	Hot Water Piping		
poor		Piping Issues	
poor	Piping Insulation		
poor	Ductwork Condition		
poor	Boiler Condition		

 HIIIS Elementary School	
Refigerant Type: r-22	_
Energy STAR Rating: N/A	
ASHRAE Life Expectance	
SEER/EER Rating	
Manufacturer	
General Comments	
	_
System Desciption/Summary	
Status and Function of Controls	_
poor	

Sharon Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Sharon Hill Elem.

Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
yes		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

fair	General System Condition Campus Wide		
fair		Age of Unit:	
fair	Chilled Water Piping		
fair		Piping Issues	
fair	Condenser Water Piping		
fair		Piping Issues	
fair	Hot Water Piping		
fair		Piping Issues	
fair	Piping Insulation		
fair	Ductwork Condition		
fair	Boiler Condition		

Silaruli fillis	Elementary Sc	11001			
	Refigerant Type:	l	r-410a		
	Energy STAR Rating:		N/A		
	ASHRAE Life Expectanc	e			
	SEER/EER Rating				
	Manufacturer		McQuay		
	General Comments				
	System Desciption/Sum fair	nmary			
	Status and Function of	Controls			
	t-stats				

White Hills Elementary School

EBRPSS HVAC Equipment System Assessment

School Name White Hills Elem.

Building Letter/Number A,B,C,D,E,F

Yes/No	System Type	
YES	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

	.,		
POOR	General System Condition Campus Wide		
POOR		Age of Unit:	
POOR	Chilled Water Piping		
POOR		Piping Issues	
POOR	Condenser Water Piping		
POOR		Piping Issues	
POOR	Hot Water Piping		
POOR		Piping Issues	
POOR	Piping Insulation		
POOR	Ductwork Condition		
POOR	Boiler Condition		

White Hills El	lementary School
	Refigerant Type: R-22
	Energy STAR Rating: N/A
	ASHRAE Life Expectance Beyond
	SEER/EER Rating
	Manufacturer
	General Comments
	poor
	System Desciption/Summary
	poor
	Status and Function of Controls
	Status and Function of Controls poor

White Hills Elementary School

EBRPSS HVAC Equipment System Assessment

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

	-,		
POOR	General System Condition Campus Wide		
POOR	Age of Unit:		
	Chilled Water Piping		
		Piping Issues	
	Condenser Water Piping		
		Piping Issues	
	Hot Water Piping		
		Piping Issues	
	Piping Insulation		
POOR	Ductwork Condition		
	Boiler Condition		

White Hills Elementary School Refigerant Type: R-22 Energy STAR Rating: N/A ASHRAE Life Expectance Beyond SEER/EER Rating Manufacturer **General Comments** poor System Desciption/Summary poor Status and Function of Controls

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY Building Letter/Number: A

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
YES	DX Package, Split System	
	Heat Type:	
	Hot Water	
YES	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
GOOD	General System Condition Campus Wide	
11, 13, 8	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
FAIR	Ductwork Condition	
	Boiler Condition	

Belfair Elementary School

HVAC Assessments - DISTRICT 3

Refrigerant Type: R22 & 410A Energy STAR Rating: ASHRAE Life Expectance: 15 SEER/EER Rating: 11, 12 Manufacturer: TRANE, GOODMAN General Comments: UNITS FOR BUILDING ARE NOT ORIGINAL AND HAVE BEEN REPLACED, UNIT ADDED TO AUDITORIUM. System Description/Summary (5) DX PACKAGE UNITS. (4) ON ROOF FOR OFFICE AND AUDITORIUM, (1) ON GROUND FOR KITCHEN

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY

Building Letter/Number: B, C, E CLASSROOMS

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
YES	Hot Water	
	Electric	
	DV Darkers Call's Casters	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
YES	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
POOR	General System Condition Campus Wide	
25+	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
POOR	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Belfair Elementary School

HVAC Assessments - DISTRICT 3

Refrigerant Type: N/A Energy STAR Rating: ASHRAE Life Expectance: 20 SEER/EER Rating: N/A Manufacturer: MCQUAY General Comments: UNITS IN OPERABLE CONDITION. REPLACED MOTORS, DRAIN PANS & PANELS. System Description/Summary (16) MCQUAY 2-PIPE FAN COILS. Status and Function of Controls OPERABLE

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY Building Letter/Number: D

Yes/No	System Type:	
YES	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
YES	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
YES	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
FAIR	General System Condition Campus Wide	
CHILLER 20 BOILER 26	Age of Unit:	
	Chilled Water Piping	
POOR	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
POOR	Piping Insulation	
	Ductwork Condition	
FAIR	Boiler Condition	

Belfair Elementary School

Refrigerant Type: R22	
Energy STAR Rating:	
ASHRAE Life Expectance: CHILLER 15 / BOILER 25	_
SEER/EER Rating: 9	
Manufacturer: TRANE / LARRS	
General Comments:	
UNITS IN OPERABLE CONDITION.	
System Description/Summary	
(1) AIR COOLED CHILLER WITH REMOTE CONDENSER, (1) WATER TUBE E	3OILER
Status and Function of Controls	
OPERABLE, CHANGE OVER VALVE IS MANUAL NOT AUTOMATED.	

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY Building Letter/Number: E LIBRARY

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
YES	DX Package, Split System	
	Heat Type:	
	Hot Water	
YES	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
FAIR	General System Condition Campus Wide	
19	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
POOR	Piping Insulation	
·	Ductwork Condition	
	Boiler Condition	

Belfair Elementary School

HVAC Assessments - DISTRICT 3

Refrigerant Type: R22 Energy STAR Rating: ASHRAE Life Expectance: 15 SEER/EER Rating: 9 Manufacturer: CARRIER General Comments: UNITS IN OPERABLE CONDITION. REPAIRED REFRIGERANT LEAKS, REPLACED EVAPORATOR COILS. System Description/Summary (1) DX PACKAGE UNIT ON ROOF. Status and Function of Controls OPERABLE

Belfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: BELFAIR ELEMENTARY Building Letter/Number: G

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
YES	DX Package, Split System	
	Heat Type:	
	Hot Water	
YES	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	2.036110	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	

Good, Fair, Poor	System Condition:	
FAIR	General System Condition Campus Wide	
20	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
POOR	Ductwork Condition	
	Boiler Condition	

Belfair Elementary School

OPERABLE.

HVAC Assessments - DISTRICT 3

Refrigerant Type: R22 Energy STAR Rating: ASHRAE Life Expectance: 15 SEER/EER Rating: 9 Manufacturer: TRANE General Comments: UNIT ORIGINAL TO BUILDING, COMPRESSORS BEEN REPLACED AND REFRIGERANT LEAKS HAVE BEEN REPAIRED. System Description/Summary (1) DX PACKAGE UNIT WITH ELECTRIC HEAT VAV BOXES.

Capitol Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Capital Elem.

Building Letter/Number A

Yes/No	System Type	
103/110	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES	<i>''</i>	Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	Jnit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

apitoi Ele	ementary School
	Refigerant Type: R-22
	Energy STAR Rating: N/A
	ASHRAE Life Expectance Beyond
	SEER/EER Rating
	Manufacturer
	General Comments
	fair
	System Desciption/Summary
	fair
	Status and Function of Controls
	fair

Crestworth Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: CRESTWORTH ELEMENTARY

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	N/A
	Electric	N/A
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	N/A
	Electric	N/A
	Chilled Water Piping:	
	2-pipe	
Good, Fair, Poor	4-pipe System Condition:	
Good, Fall, Fool	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A
	Hot Water Piping	N/A

Crestworth Elementary School

	L	
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	POOR
	Boiler Condition	N/A
D 01	R-410A	
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:	TRANE	
Manufacturer:	TRANE	
General Comments:	REPLACED IN 2017, DUCTWORK IS MADE OF DUCTBOARD	
System Description/Summary:		
	TOP PACKAGE UNITS WITH MULTIZONE CURB ADAPTERS	
ROOT I	OF FACKAGE ONTS WITH MOETIZONE CORD ADAI TERS	
Status and Function of Controls:		

Crestworth Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: CRESTWORTH ELEMENTARY

Building Letter/Number: B,C --- NO HVAC

Yes/No	System Type:		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
	Hot Water		
	Electric		
	DX Package, Split System		
	Heat Type:		
	Hot Water		
	Electric		
	RTU Unit		
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		
	Heat Type:		
	Hot Water		
	Electric		
	Chilled Water Piping:		
	2-pipe		
	4-pipe		
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		
	Chilled Water Piping		
	Piping Issues		
	Condenser Water Piping		
	Piping Issues		
	Hot Water Piping		

Crestworth Elementary School Piping Issues Piping Insulation **Ductwork Condition Boiler Condition** Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: Status and Function of Controls:

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK Building Letter/Number A, B, D

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
yes		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Poor	General System Condition Campus Wide	
Poor		Age of Unit:
Poor	Chilled Water Piping	
Poor		Piping Issues
	Condenser Water Piping	
		Piping Issues
Poor	Hot Water Piping	
Poor		Piping Issues
Poor	Piping Insulation	
Poor	Ductwork Condition	
Poor	Boiler Condition	

Delmont Elementary School	
	_
Refigerant Type:	R-22
Energy STAR Rating:	N/A
ASHRAE Life Expectance	Beyond
SEER/EER Rating	
Manufacturer	
General Comments	
POOR	
System Desciption/Summa POOR	ary
rook	
Status and Function of Cor POOR	ntrols

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK
Building Letter/Number C,H,I

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
yes	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package Unit	
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

	-,	
Poor	General System Condition Campus Wide	
Poor		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
Poor	Ductwork Condition	
Poor	Boiler Condition	

nentary School	
Refigerant Type:	R-22
Energy STAR Rating:	N/A
ASHRAE Life Expectance	Beyond
SEER/EER Rating	
Manufacturer	
General Comments	
POOR	
Status and Function of Controls	
T-stats	
	Refigerant Type: Energy STAR Rating: ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments POOR System Desciption/Summary POOR Status and Function of Controls

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK Building Letter/Number E

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	- 1	
fair	General System Condition Campus Wide	
		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

Elementary School		
Refigerant Type:	R-22	
Energy STAR Rating:	N/A	
ASHRAE Life Expectance		
SEER/EER Rating		
Manufacturer		
General Comments		
Fair		
Salar Province /Salar		
System Desciption/Summary Fair		
Status and Function of Contr	ols	
Fair		

Delmont Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Delmont PreK Building Letter/Number F

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

0000,1011,1001	System condition	
Poor	General System Condition Campus Wide	
		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
	Ductwork Condition	
Poor	Boiler Condition	

Delmont Elemer	itary Schoo)l			
Refi	gerant Type:		R-22		
Ene	rgy STAR Rating:		N/A		
ASH	RAE Life Expectanc	ce			
SEE	R/EER Rating				
Mai	nufacturer				
Gen	eral Comments				
Poo					
Syst Poo	em Desciption/Sun	mmary			
Poo	I				
C+a+	us and Function of	Controls			
Poo		Controls			

Beechwood Superintendent Academy

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017	
	4 PIPE SYSTEM	
	CHILLERS AND BOILERS IN L BUILDING	
	CHIEDERO MAD BOILERO MAE BOILDING	
System Description/Summary:		
-	EED AHUS WITH PREHEAT AND COOLING COILS FOR VAV SYSTEMS	2
VARGABLE SI E	HOT WATER VAV BOXES FOR EACH CLASSROOM	,
OFFIC		
OFFIC	E AREA HAS DX BACKUP WITH CONDENSER ON ROOFTOP	
tatus and Function of Controls:		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

В

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017	
	4 PIPE SYSTEM CHILLERS AND BOILERS IN L BUILDING	
	CHILLERS AND BOILERS IN L BUILDING	
System Description/Summary:		
SINC	GLE ZONE 4 PIPE AHUS FOR KITCHEN AND DINING AREA	
Status and Function of Controls:		
Status and I unction of Controls.		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

С

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
		110
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	N/A
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

letrouma High School		
Istrouma High School		
	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
		GOOD
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017	
	4 PIPE SYSTEM CHILLERS AND BOILERS IN L BUILDING	
	CINDEERO IN E BOILERO IN E BOILBING	
System Description/Summary:		
	GLE ZONE 4 PIPE AHUS FOR GYM AND LOCKER ROOMS	
4	-PIPE FAN COIL CASSETTE UNITS FOR OTHER AREAS	

Status and Function of Controls:

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

D,I,K,L,M --- NO HVAC
OR BUILDING REMOVED DURING REMODEL

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017	
	4 PIPE SYSTEM CHILLERS AND BOILERS IN L BUILDING	
System Description/Summary:		
	GLE ZONE 4 PIPE AHUS FOR GYM AND LOCKER ROOMS	
4	-PIPE FAN COIL CASSETTE UNITS FOR OTHER AREAS	
Status and Function of Controls:		
Status and Function of Controls.		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

Ε

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO YES
	2-pipe 4-pipe	YES
Good, Fair, Poor	System Condition:	ILS
3000, 1011, 1 001	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Istrouma High School

	T	
	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
Refrigerant Type	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance		
SEER/EER:		
Manufacturer:	DAIKIN	
General Comments:		
	HVAC REMODELED IN 2018 4 PIPE SYSTEM CHILLERS AND BOILERS IN L BUILDING	
system Description/Summary:		
VARIABLE SPE	EED AHUS WITH PREHEAT AND COOLING COILS FOR VAV SYSTEMS HOT WATER VAV BOXES FOR EACH CLASSROOM FFICE AREA HAS DX WITH CONDENSERS ON ROOFTOP	
VARIABLE SPE	HOT WATER VAV BOXES FOR EACH CLASSROOM	
VARIABLE SPE	HOT WATER VAV BOXES FOR EACH CLASSROOM	
VARIABLE SPE OI	HOT WATER VAV BOXES FOR EACH CLASSROOM	
VARIABLE SPE OI	HOT WATER VAV BOXES FOR EACH CLASSROOM	

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH

Building Letter/Number: F --- PTACS

Yes/No	System Type:		
	Air-Cooled Chillers	NC	0
	Water Cooled Chillers	NC	0
	Heat Type:		
	Hot Water	NC	0
	Electric	NC	0
	DX Package, Split System	NC	0
	Heat Type:		
	Hot Water	NC	0
	Electric	NC	0
	RTU Unit	NO	0
	Heat Type:		
	Hot Water	NC	0
	Electric	NC	0
	VRF Multizone Package Unit	NO	0
	Heat Type:		
	Hot Water	NC	0
	Electric	NC	0
	Chilled Water Piping:	NO	0
	2-pipe	NC	0
	4-pipe	NC	0
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide	GC	000
	Age of Unit:	20)17
	Chilled Water Piping	N/A	/A
	Piping Issues	N/A	/A
	Condenser Water Piping	N/A	/A
	Piping Issues	N/A	/Α

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		_
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	GE	
		_
General Comments:		
	HVAC REMODELED IN 2017	
System Description/Summary:		
System Description/Summary.	THRU THE WALL PTAC UNITS	
	THRO THE WALL THE CIVITS	
Status and Function of Controls:		
<u> </u>		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name:

ISTROUMA HIGH

Building Letter/Number:

G --- BUILDING BOARDED UP OUT OF USE

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	UNKNOWN
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Istrouma High School UNKNOWN Hot Water Piping UNKNOWN Piping Issues Piping Insulation UNKNOWN **Ductwork Condition** UNKNOWN **Boiler Condition** UNKNOWN Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: NO ACCESS TO EQUIPMENT System Description/Summary: STEAM BOILER AND HEAT ONLY AHU NO ACCESS TO CHECK CURRENT CONDITION Status and Function of Controls:

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
		11.5
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Istrouma High School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
Refrigerant Type	:	
Energy STAR Rating		
ASHRAE Life Expectance	:	
SEER/EER	:	
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017 4 PIPE SYSTEM	
	CHILLERS AND BOILERS IN L BUILDING	
System Description/Summary:		
SINGLE Z	ONE 4 PIPE AHUS FOR EACH SHOP AND A SINGLE CLASSROOM	Л
Status and Function of Controls:		
l		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2017
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Istrouma High School

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	HVAC REMODELED IN 2017	
System Description/Summary:		
	OFTOP PACKAGE UNITS FOR EACH SHOP AND A SINGLE CLASSROOM	
SINGLE ZONE RO	OF FOL PACKAGE UNITS FOR EACH SHOP A SINGLE CLASSROOM	
Status and Function of Controls:		

Istrouma High School

EBRPSS HVAC Equipment System Assessment

School Name: ISTROUMA HIGH

Building Letter/Number:

Yes/No	System Type:		
	Air-Cooled Chillers	NO)
	Water Cooled Chillers	YES	S
	Heat Type:		
	Hot Water	YES	S
	Electric	NO)
	DX Package, Split System	NO)
	Heat Type:		
	Hot Water	NO)
	Electric	NO)
	RTU Unit	NO)
	Heat Type:		
	Hot Water	NO)
	Electric	NO)
	VRF Multizone Package Unit	NO)
	Heat Type:		
	Hot Water	NO)
	Electric	NO)
	Chilled Water Piping:	YE:	S
	2-pipe	NO)
	4-pipe	YES	S
Good, Fair, Poor	System Condition:	'	
	General System Condition Campus Wide	GO	000
	Age of Unit:	201	17
	Chilled Water Piping	GO	000
	Piping Issues	GO	000
	Condenser Water Piping	GO	000
	Piping Issues	GO	000

Istrouma High School

	Hot Water Piping	GOOI
	Piping Issues	GOOL
	Piping Insulation	GOOI
	Ductwork Condition	GOOL
	Boiler Condition	GOOL
Energy STAR Rating: ASHRAE Life Expectance: SEER/EER:		<u> </u>
Manufacturer:	TRANE, YORK	<u> </u>
General Comments:		
	HVAC REMODELED IN 2017	

System Description/Summary:

R-22 WATER COOLED YORK SCREW CHILLER VARIABLE SPEED WATER COOLED TRANE SCREW CHILLER VARIABLE SPEED PRIMARY PUMPING SCHEME HIGH EFFICIENCY BOILERS WITH VARIABLE SPEED PUMPING

Status and Function of Controls:

Park Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARK ELEMENTARY

Building Letter/Number:

Α

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2019
	Chilled Water Piping	GOOD
	Piping Issues	GOOD
	Condenser Water Piping	GOOD
	Piping Issues	GOOD

Park Elementary School

	Hot Water Piping	GOOD
	Piping Issues	GOOD
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD
Refrigerant Type:	R-134A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	YORK	
General Comments:		
	CAMPUS BUILT IN 2019	
	CAMPUS BUILT IN 2019	
ystem Description/Summary:		
A	IR COOLED VARIABLE SPEED YORK SCREW CHILLERS HIGH EFFICIENCY BOILERS VARIABLE SPEED AHUS FOR VAV SYSTEMS VAV BOXES FOR EACH CLASSROOM INGLE ZONE UNITS FOR KITCHEN AND DINING AREAS DX BACKUP FOR ADMIN AREA	
A	IR COOLED VARIABLE SPEED YORK SCREW CHILLERS HIGH EFFICIENCY BOILERS VARIABLE SPEED AHUS FOR VAV SYSTEMS VAV BOXES FOR EACH CLASSROOM INGLE ZONE UNITS FOR KITCHEN AND DINING AREAS	
Al S.	IR COOLED VARIABLE SPEED YORK SCREW CHILLERS HIGH EFFICIENCY BOILERS VARIABLE SPEED AHUS FOR VAV SYSTEMS VAV BOXES FOR EACH CLASSROOM INGLE ZONE UNITS FOR KITCHEN AND DINING AREAS	
Al S.	IR COOLED VARIABLE SPEED YORK SCREW CHILLERS HIGH EFFICIENCY BOILERS VARIABLE SPEED AHUS FOR VAV SYSTEMS VAV BOXES FOR EACH CLASSROOM INGLE ZONE UNITS FOR KITCHEN AND DINING AREAS	

Progress Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Progress Elem.

Building Letter/Number A,B

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
YES		4-pipe

Good, Fair, Poor System Condition:

fair	General System Condition Campus Wide	
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Refigerant Type:	R-134A	
Energy STAR Rating:	N/A	
ASHRAE Life Expectance		
SEER/EER Rating		
Manufacturer		
General Comments		
fair		
System Desciption/Summary fair		
Status and Function of Control	S	
fair		
<u> </u>		

Ryan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Ryan Elem.
Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
yes		Electric
yes	DX Package, Split System	
yes	Heat Type:	
yes		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Ryan Elemen	tary School		
	Refigerant Type: R	-22	
			•
	Energy STAR Rating: N	/A	
	ASHRAE Life Expectance B	eyond	
	SEER/EER Rating		
	Manufacturer		
	General Comments		
	System Desciption/Summary		1
	Status and Function of Controls poor		1
	poor		

Ryan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Ryan Elem.
Building Letter/Number B

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

fair	General System Condition	n Campus Wide
fair		Age of Unit:
fair	Chilled Water Piping	
fair		Piping Issues
fair	Condenser Water Piping	
fair		Piping Issues
fair	Hot Water Piping	
fair		Piping Issues
fair	Piping Insulation	
fair	Ductwork Condition	
fair	Boiler Condition	

Ryan Elemer	itary School		
	Refigerant Type:	R-22	-
	Energy STAR Rating:	N/A	-
	ASHRAE Life Expectance	Beyond	-
	SEER/EER Rating		_
	Manufacturer		_
	General Comments		-
	Contain Desciption /Comment		1
	System Desciption/Summary]
			J
	Status and Function of Controls	S	1

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering Building Letter/Number A

Yes/No	System Type		
	Air-Cooled Chillers		
	Water Cooled Chillers		
	Heat Type:		
		Hot Water	
		Electric	
YES	DX Package, Split System		
	Heat Type:		
		Hot Water	
YES		Electric	
	RTU Unit		
	Heat Type:		
		Hot Water	
		Electric	
	VRF Multizone Package U	VRF Multizone Package Unit	
	Heat Type:		
		Hot Water	
		Electric	
	Chilled Water Piping:		
		2-pipe	
		4-pipe	

Good, Fair, Poor System Condition:

	- 1	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

cotlandvil	le Middle School		
	Refigerant Type:	410A	
	Energy STAR Rating:	N/A	
	ASHRAE Life Expectance		
	SEER/EER Rating		
	Manufacturer		
	General Comments		
	fair		
	System Desciption/Summary		
	fair		
	Status and Function of Control fair	.S	

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

Yes/No	System Type	
	Air-Cooled Chillers	
YES	Water Cooled Chillers	
	Heat Type:	
YES		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
YES		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
YES		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

POOR	General System Condition	n Campus Wide
POOR		Age of Unit:
POOR	Chilled Water Piping	
POOR		Piping Issues
POOR	Condenser Water Piping	
POOR		Piping Issues
POOR	Hot Water Piping	
POOR		Piping Issues
POOR	Piping Insulation	
POOR	Ductwork Condition	
POOR	Boiler Condition	

Refigerant Type	e:	R-22	
Energy STAR Ra	ting:	N/A	
ASHRAE Life Ex	pectanc <u>e</u>		
SEER/EER Ratin	g		
Manufacturer			
General Comm	ents		
System Descipt	ion/Summary		
Status and Fundation	ction of Contro	ols	
Tall			

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering Building Letter/Number D

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
YES	RTU Unit	
	Heat Type:	
		Hot Water
YES		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	- 1	
FAIR	General System Condition	n Campus Wide
FAIR		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
FAIR	Ductwork Condition	
	Boiler Condition	

Scotlandville	Middle Schoo					
	Refigerant Type:		R-22			
	Energy STAR Rating:		N/A			
	ASHRAE Life Expectance	e				
	SEER/EER Rating					
	Manufacturer					
	General Comments					
	System Desciption/Sun	nmary				
	Status and Function of fair	Controls				

Scotlandville Middle School

EBRPSS HVAC Equipment System Assessment

School Name Scotlandville (Middle) Pre Engineering Building Letter/Number J

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
YES	DX Package, Split System	
	Heat Type:	
		Hot Water
YES		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	-,	
FAIR	General System Condition	n Campus Wide
FAIR		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
FAIR	Ductwork Condition	
	Boiler Condition	

cotlandville	e Middle School	
	Refigerant Type:	R-22
	Energy STAR Rating:	N/A
	ASHRAE Life Expectance	<u> </u>
	SEER/EER Rating	
	Manufacturer	
	General Comments	
	System Desciption/Summary	
	Status and Function of Controls	
	fair	
	T-STATS	

Winbourne Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: WINBOURNE ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2006
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	FAIR

Winbourne Elementary School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
		·
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	YORK	
General Comments:		
	NEW WINBOURNE	
System Description/Summers		
System Description/Summary:	WATER COOLED YORK SCREW CHILLERS	
	WATER COOLED YORK SCREW CHILLERS WATER COOLED YORK SCREW CHILLERS	
	NATURAL GAS BOILER WITH POWER BURNER	
VA	RIABLE SPEED CHILL WATER AHUS FOR VAV SYSTEM	
7	VAV BOXES HAVE HOT WATER COILS FOR HEATING	
	OFFICE AREA HAS DX BACKUP	
SERVER F	ROOMS HAVE SELF CONTAINED IN CEILING PACKAGE UNIT	S
Status and Function of Controls:		

Arlington Prep Academy - Howell Park

Belaire High School

EBRPSS HVAC Equipment System Assessment

School Name: BELAIRE HIGH

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	YES
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	1995
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Belaire High School

N/A N/A N/A
1 1// 1
N/A
N/A
13//

Belaire High School

EBRPSS HVAC Equipment System Assessment

School Name: BELAIRE HIGH

Building Letter/Number: B --- NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	_
	2-pipe	
	4-pipe	_
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	

Belaire High School Hot Water Piping Piping Issues Piping Insulation **Ductwork Condition Boiler Condition** Refrigerant Type: Energy STAR Rating: ASHRAE Life Expectance: SEER/EER: Manufacturer: General Comments: System Description/Summary: Status and Function of Controls:

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

Α

School Name: BROOKSTOWN

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	YES
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
·	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A

Brookstown Middle School

Piping Issues	N/A
Hot Water Piping	FAIR
Piping Issues	FAIR
Piping Insulation	FAIR
Ductwork Condition	FAIR
Boiler Condition	FAIR
Refrigerant Type:	_
Energy STAR Rating:	_
ASHRAE Life Expectance:	_
SEER/EER:	_
Manufacturer: TRANE	_
	_
General Comments:	
REMODELED IN 2014	
CHILLER IN F BUILDING	
BOILER IN B BUILDING	
System Description/Summary:	
VARIABLE SPEED CHILL WATER AHUS FOR VAV SYSTEM IN A BUIL	DING
VAV BOXES HAVE HOT WATER COILS FOR HEATING	
0 - 17 - 1 - 10 - 1	
Status and Function of Controls:	

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

В

School Name: BROOKSTOWN

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:		_
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		_
Manufacturer:	TRANE	_
		_
General Comments:		
System Description/Summary:		
	E ZONE PACKAGE UNITS WITH ELECTRIC HEAT FOR DIN E SPLIT SYSTEMS WITH ELECTRIC HEAT FOR THE AUDITO	
Status and Function of Controls:		

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

С

School Name: BROOKSTOWN

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric	\	YES
	DX Package, Split System	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric	1	NO
	RTU Unit		NO
	Heat Type:		
	Hot Water	1	NO
	Electric	1	NO
	VRF Multizone Package Unit	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric		
	Chilled Water Piping:		YES
	2-pipe	1	NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide	F	FAIR
	Age of Unit:		
	Chilled Water Piping	F	FAIR
	Piping Issues	F	FAIR
	Condenser Water Piping	1	N/A

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:		_
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		_
Manufacturer:	TRANE	_
General Comments:		
	REMODELED IN 2014	
	CHILLER IN F BUILDING	
	BOILER IN B BUILDING	
System Description/Summary:		
	AN COIL UNITS WITH ELECTRIC HEAT ABOVE CEILING IN	LCLOSETS
CHIED WITTER	AN COLE ONTO WITH EBBOTHE HEAT THO VE CELETION	CEOSETS
Status and Function of Controls:		

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

D

School Name: BROOKSTOWN

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	RTU Unit		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		INO
	Hot Water		NO
	Electric		NO
	Liettiit		INO
	Chilled Water Piping:		NO
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:	•	
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
-	LIBRARY BUILDING	
System Description/Summary:		
SINGL	E ZONE GROUND LEVEL PACKAGE UNIT WITH GAS HEAT	
l		
Status and Function of Controls:		

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

Ε

School Name: BROOKSTOWN

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	 FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	 N/A
	Condenser Water Piping	 N/A

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
	D 00	
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	LENNOX	
General Comments:		
St Diti/S		
System Description/Summary:	DOOFTON DA GUA CE LINET FOR MAN OVOTEN	
	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM	
	VAV BOXES HAVE ELECTRIC HEAT	
Status and Function of Controls:		

Brookstown Middle School

EBRPSS HVAC Equipment System Assessment

School Name: BROOKSTOWN

Building Letter/Number: F - CHILLER MECH

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	·
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Brookstown Middle School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		-
Manufacturer:	BITZER	-
		=
system Description/Summary:		
	D SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
AIR COOLEI	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
AIR COOLEI	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
System Description/Summary: AIR COOLEI tatus and Function of Controls:	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
AIR COOLEI	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.
AIR COOLEI	O SCREW CHILLER WITH A REMOTE CONDENSER ON THE	ROOF.

East Baton Rouge Virtual Academy

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.

Building Letter/Number A

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
yes	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
yes		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	-,	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

Refigerant Type: Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls fair	eenbrier El	lementary Scho	ol	
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls				
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls				
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls				
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls				
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls				
ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls		Refigerant Type:	R-22	
SEER/EER Rating Manufacturer General Comments fair System Desciption/Summary fair Status and Function of Controls		Energy STAR Rating:	N/A	
General Comments fair System Desciption/Summary fair Status and Function of Controls		ASHRAE Life Expectanc <u>e</u>		
General Comments fair System Desciption/Summary fair Status and Function of Controls		SEER/EER Rating		
System Desciption/Summary fair Status and Function of Controls		Manufacturer		
System Desciption/Summary fair Status and Function of Controls		General Comments		
fair Status and Function of Controls		fair		
fair Status and Function of Controls				
fair Status and Function of Controls				
fair Status and Function of Controls				
Status and Function of Controls		System Desciption/Sumr	nary	
		Tair		
fair			ontrols	
		fair		

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.

Building Letter/Number B, D, E, F

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
yes		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

poor	General System Condition Campus Wide	
poor		Age of Unit:
poor	Chilled Water Piping	
poor		Piping Issues
poor	Condenser Water Piping	
poor		Piping Issues
poor	Hot Water Piping	
poor		Piping Issues
poor	Piping Insulation	
poor	Ductwork Condition	
poor	Boiler Condition	

Elementary School
Refigerant Type: R-22
Energy STAR Rating: N/A
ASHRAE Life Expectance
SEER/EER Rating
Manufacturer
General Comments
System Desciption/Summary
Status and Function of Controls
poor

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.

Building Letter/Number G Mech Room

Yes/No	System Type	
yes	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
	VRF Multizone Package U	nit
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
yes		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	-,	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	

Refigerant Type: R-22 Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls poor	Elementary School		
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls			
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls			
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls			
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls			
Energy STAR Rating: N/A ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls			
ASHRAE Life Expectance SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls	Refigerant Type:	R-22	-
SEER/EER Rating Manufacturer General Comments System Desciption/Summary Status and Function of Controls	Energy STAR Rating:	N/A	_
General Comments System Desciption/Summary Status and Function of Controls	ASHRAE Life Expectance		
Manufacturer General Comments System Desciption/Summary Status and Function of Controls	SEED/EED Dating		_
General Comments System Desciption/Summary Status and Function of Controls			-
System Desciption/Summary Status and Function of Controls	Manufacturer		-
Status and Function of Controls	General Comments		,
Status and Function of Controls			
Status and Function of Controls			
Status and Function of Controls			
Status and Function of Controls			
Status and Function of Controls	System Desciption/Summary		
	Status and Eunstian of Controls		_
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			1

Greenbrier Elementary School

EBRPSS HVAC Equipment System Assessment

School Name Greenbrier Elem.

Building Letter/Number H Quad

Yes/No	System Type	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
		Hot Water
		Electric
	DX Package, Split System	
	Heat Type:	
		Hot Water
		Electric
yes	RTU Unit	
	Heat Type:	
		Hot Water
yes		Electric
	VRF Multizone Package U	Init
	Heat Type:	
		Hot Water
		Electric
	Chilled Water Piping:	
		2-pipe
		4-pipe

Good, Fair, Poor System Condition:

	-,	
fair	General System Condition Campus Wide	
fair		Age of Unit:
	Chilled Water Piping	
		Piping Issues
	Condenser Water Piping	
		Piping Issues
	Hot Water Piping	
		Piping Issues
	Piping Insulation	
fair	Ductwork Condition	
	Boiler Condition	

Refigerant Type:	R-22	
Energy STAR Rating:	N/A	
ASHRAE Life Expectance		
SEER/EER Rating		
Manufacturer		
General Comments		
System Desciption/Sumi	mary	
Status and Function of C	Controls	
poor		

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2002
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	MAIN BUILDING	
System Description/Summary:		
	DLED CHILLER WITH A REMOTE CONDENSER ON THE ROOF	
	IE AHUS WITH HOT DECK AND COLD DECK FOR MOST AREAS DX PACKAGE UNITS WITH GAS HEAT FOR 3 CLASSROOMS AND OFFI	CE AREA
ROOF FOF SHITGEE ZOILE F		CL / HCL/ I
Status and Function of Controls:		
Status and I unction of Controls.		

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	YES
Good, Fair, Poor	System Condition:	1
	General System Condition Campus Wide	FAIR
	Age of Unit:	N/A
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A
	Boiler Condition	19/7
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
ivianalacturer.		
General Comments:		
General Comments.	DINING / AUDITORIUM	
System Description/Summary:		
	MULTIZONE AHUS WITH HOT DECK AND COLD DECK	
tatus and Function of Controls:		

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2006
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
D. f	R-22	
Refrigerant Type: Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:	TRANE	
Manufacturer:	1 KANE	
General Comments:		
System Description/Summary:		
	ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEM VAV BOXES HAVE ELECTRIC HEAT	
	VAV BOALS HAVE ELECTRIC HEAT	
tatus and Function of Controls:		

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2013
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	 N/A

LaBelle Aire Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	GOOD
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM	
	VAV BOXES HAVE ELECTRIC HEAT	
Status and Function of Controls:		

LaBelle Aire Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LA BELLE AIRE ELEMENTARY

Building Letter/Number: E --- NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	
Good, Fair, Poor	System Condition:	
Good, Fall, FOOI	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	

LaBelle Aire Elementary School

	Piping Issues		
	Hot Water Piping		
	Piping Issues		
	Piping Insulation		
	Ductwork Condition		
	Boiler Condition		
Refrigerant Type:			
Energy STAR Rating:		•	
ASHRAE Life Expectance:		•	
SEER/EER:			
Manufacturer:			
General Comments:			
System Description/Summary:			
Status and Function of Controls:			

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

Α

School Name: PARK FOREST MIDDLE

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	YES
		NO NO
	2-pipe 4-pipe	YES
Good, Fair, Poor	System Condition:	1123
Good, Fall, Fool	General System Condition Campus Wide	FAIR
	Age of Unit:	2016
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	FAIR

Park Forest Elementary School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type:	R-410A	·
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	CARRIER	
General Comments:	MAIN BUILDING	
System Description/Summary:		
RO	AIR COOLED SCROLL CHILLERS FOR BUILDING A NATURAL DRAFT BOILER FOR BUILDING A HOT DECK COLD DECK AHUS IN PENTHOUSE NUEMATIC MIXING BOXES FOR MOST CLASSROOMS DOFTOP PACKAGE UNIT WITH GAS HEAT FOR OFFICE PACKAGE UNITS WITH ELECTRIC HEAT FOR OTHER AREAS	
Status and Function of Controls:		

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARK FOREST MIDDLE

Building Letter/Number:

R

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
_	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
Good, Fair, Poor	System Condition:	11.5
	General System Condition Campus Wide	FAIR
	Age of Unit:	2007
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
Good, Fair, Poor	4-pipe System Condition: General System Condition Campus Wide Age of Unit: Chilled Water Piping Piping Issues	FAIR 2007 N/A N/A

Park Forest Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		_
ASHRAE Life Expectance:		_
SEER/EER:		_
Manufacturer:	YORK	_
		_
General Comments:		
ystem Description/Summary:	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM	
ystem Description/Summary:	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM VAV BOXES HAVE ELECTRIC HEAT	
ystem Description/Summary:		
ystem Description/Summary:		
ystem Description/Summary:		
ystem Description/Summary:		

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

С

School Name: PARK FOREST MIDDLE

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
_	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
Good, Fair, Poor	System Condition:	11.5
	General System Condition Campus Wide	FAIR
	Age of Unit:	2007
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
Good, Fair, Poor	4-pipe System Condition: General System Condition Campus Wide Age of Unit: Chilled Water Piping Piping Issues	FAIR 2007 N/A N/A

Park Forest Elementary School

	Piping Issues	N/A	
	Hot Water Piping	N/A	
	Piping Issues	N/A	
	Piping Insulation	N/A	
	Ductwork Condition	FAIR	
	Boiler Condition	N/A	
Refrigerant Type:	R-410A		
Energy STAR Rating:			
ASHRAE Life Expectance:			
SEER/EER:			
Manufacturer:	MCQUAY		
General Comments:			
System Description/Summary:			
System Description/Summary.	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM		
	VAV BOXES HAVE ELECTRIC HEAT		
Status and Function of Controls:			

Park Forest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARK FOREST MIDDLE

Building Letter/Number: D,E ---- NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	'
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

Park Forest Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
system Description/Summary:		
ystem Description/Summary.		
atus and Function of Controls		
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atus and Function of Controls:		
atus and Function of Controls:		

Park Forest Magnet

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	AUDITORIUM AND DINING ROOM BLDG	
System Description/Summary:		
SINGLE ZON	NE ROOFTOP PACKAGE UNIT WITH GAS HEAT FOR AUDITORIUM	
	WINDOW UNITS FOR DINING ROOM	
Status and Function of Controls:		
İ		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number:

В

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:	'	
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR
Refrigerant Type	R-407C	
Energy STAR Rating		
ASHRAE Life Expectance		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	ADMIN BUILDING	
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
SINGLE ZOI	NE ROOFTOP PACKAGE UNIT WITH GAS HEAT FOR OFFICE AREA 2-PIPE FAN COIL UNIT FOR TEACHERS LOUNGE	
	2-HI E PAN COIL UNIT FOR TEACHERS LOUNGE	
Status and Function of Controls:		
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

С

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	1 1.0
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chillad Water Diviner	VEC
	Chilled Water Piping:	YES
	2-pipe	YES
0 15:0	4-pipe	NO
Good, Fair, Poor	System Condition:	FAID
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
, ,	2-PIPE FAN COIL UNIT FOR CLASSROOMS	
Status and Function of Controls:		
Status and Function of Controls.		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

D

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
, ,	2-PIPE FAN COIL UNIT FOR CLASSROOMS	
Status and Function of Controls:		
Status and Function of Controls.		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

Ε

School Name: NORTHDALE ACADEMY

Yes/No	System Type:		
	Air-Cooled Chillers	`	YES
	Water Cooled Chillers	1	NO
	Heat Type:		
	Hot Water	\	YES
	Electric	1	NO
	DX Package, Split System	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric	1	NO
	RTU Unit	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric	1	NO
	VRF Multizone Package Unit	1	NO
	Heat Type:		
	Hot Water	1	NO
	Electric	1	NO
	Chilled Water Piping:	,	YES
	2-pipe	,	YES
	4-pipe	1	NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide	F	FAIR
	Age of Unit:		
	Chilled Water Piping	F	FAIR
	Piping Issues	F	FAIR
	Condenser Water Piping	1	N/A
	Piping Issues	1	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type		
Energy STAR Rating:		
ASHRAE Life Expectance		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
	2-PIPE FAN COIL UNIT FOR CLASSROOMS	
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
	2-PIPE FAN COIL UNIT FOR CLASSROOMS	
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number: G - WINDOW UNIT

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	DTUUL'S	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Diviser	
	Chilled Water Piping:	
	2-pipe 4-pipe	
Good, Fair, Poor	System Condition:	
· ·	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	
	Piping Issues	

	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CUSTODIAL BUILDING - WINDOW UNIT	
System Description/Summary:		
State 1F to CO at 1		
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
· · · · · · · · · · · · · · · · · · ·	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	CHILLER AND BOILER IN L BUILDING	
System Description/Summary:		
	2-PIPE FAN COIL UNIT FOR CLASSROOMS	
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:	-	
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
	ROOFTOP PACKAGE UNITS WITH GAS HEAT FOR EACH CLASSROOM	
Status and Function of Controls:		
Status and Function of Controls.		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
SINGLE ZONE F	COOFTOP PACKAGE UNITS WITH GAS HEAT FOR EACH CLASSROOM	
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A
	Piping Issues	N/A

Northdale Superintendent Academy

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:	-	
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
	LIBRARY	
System Description/Summary:		
	ONE ROOFTOP PACKAGE UNITS WITH GAS HEAT FOR LIBRARY	
Status and Function of Controls:		

Northdale Superintendent Academy

EBRPSS HVAC Equipment System Assessment

School Name: NORTHDALE ACADEMY

Building Letter/Number: L - MECHANICAL

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
	Condenser Water Piping	N/A
	Piping Issues	N/A

Northdale Superintendent Academy

P P D	ot Water Piping iping Issues iping Insulation	FAIR FAIR
P D		FAIR
D	iping Insulation	
		FAIR
В	uctwork Condition	N/A
•	oiler Condition	FAIR
Refrigerant Type:	R-407C	•
Energy STAR Rating: ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	BITZER	
Manufacturer.		
General Comments:		
	CHILLER AND BOILER MECH	
votem Description/Summers		
System Description/Summary:	2-PIPE FAN SYSTEM	
	2-PIPE FAN SYSTEM BLE SPEED SCREW CHILLER WITH REMOTE CONDENSER ON ROC NATURAL DRAFT BOILER	DFTOP
System Description/Summary: AIR COOLED VARIAE	LE SPEED SCREW CHILLER WITH REMOTE CONDENSER ON ROC	DFTOP
	LE SPEED SCREW CHILLER WITH REMOTE CONDENSER ON ROC	DFTOP
	LE SPEED SCREW CHILLER WITH REMOTE CONDENSER ON ROC	DFTOP

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
<u> </u>	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	UNITS AGED BUT IN FAIR CONDITION	
System Description/Summary:		
, ,	2 PIPE FAN COIL UNITS IN CLASSROOMS	
AIR CO	OLED CHILLER WITH REMOTE CONDENSER IN J BUILDING	
	NATURAL DRAFT BOILER IN F BUILDING	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	YES
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	YES
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	YES
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	FAIR
	Piping Issues	FAIR
<u> </u>	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	UNITS AGED BUT IN FAIR CONDITION	
System Description/Summary:		
	2 PIPE FAN COIL UNITS IN CLASSROOMS	
AIR CO	OLED CHILLER WITH REMOTE CONDENSER IN J BUILDING	
	NATURAL DRAFT BOILER IN F BUILDING	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

С

School Name: VILLA DEL REY

Yes/No	System Type:		
	Air-Cooled Chillers	YI	ES
	Water Cooled Chillers	N	0
	Heat Type:		
	Hot Water	YI	ES
	Electric	N	0
	DX Package, Split System	N	0
	Heat Type:		
	Hot Water	N	0
	Electric	N	0
	RTU Unit	N	0
	Heat Type:		
	Hot Water	N	0
	Electric	N	0
	VRF Multizone Package Unit	N	0
	Heat Type:		
	Hot Water	N	0
	Electric	N	0
	Chilled Water Piping:	YI	ES
	2-pipe	YI	ES
	4-pipe	N	0
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide	F	AIR
	Age of Unit:		
	Chilled Water Piping	F/	AIR
	Piping Issues	F	AIR
	Condenser Water Piping	N/	/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
	UNITS AGED BUT IN FAIR CONDITION	
System Description/Summary:		
	2 PIPE FAN COIL UNITS IN CLASSROOMS	
AIR CO	OLED CHILLER WITH REMOTE CONDENSER IN J BUILDING	
	NATURAL DRAFT BOILER IN F BUILDING	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

D

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	2001&2013
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R22, R410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE, YORK	
General Comments:		
DINING AREA HAS NO	HEAT. HEAT ONLY FAN COILS WERE REMOVED DURING THE REMO	DEL.
System Description/Summary:		
	GROUND LEVEL SINGLE ZONE DX PACKAGE UNIT FOR DINING AREA	
GROUND LEVEL SIN	GLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT FOR AUDITORI	UM
Status and Function of Controls:		
1		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

Ε

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	YES
	DX Package, Split System	YES
	Heat Type:	
	Hot Water	NO
	Electric	YES
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	1998
	Chilled Water Piping	N/A
	Piping Issues	 N/A
<u> </u>	Condenser Water Piping	 N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22	_
Energy STAR Rating:		-
ASHRAE Life Expectance:		_
SEER/EER:		-
Manufacturer:	TRANE	-
		-
General Comments:		
System Description/Summary:		
	NGLE ZONE DX SPLIT SYSTEM WITH ELECTRIC HEAT	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Building Letter/Number: F - BOILER MECHANICAL BLDG

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	RTU Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	YES
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	FAIR
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	ACKOMATIC	
General Comments:		
ustam Dasgrintian/Summany		
ystem Description/Summary:	2.PIPE SYSTEM	
ystem Description/Summary:	2-PIPE SYSTEM NATURAL DRAFT BOILER	
ystem Description/Summary:		
ystem Description/Summary:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

G

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	FAIR
	Age of Unit:	
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R407C	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	LENNOX	
General Comments:		
System Description/Summary:		
ROO	FTOP SINGLE ZONE DX PACKAGE UNIT WITH GAS HEAT	
Status and Function of Controls:		
Status and I unction of Controls.		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

н

School Name: VILLA DEL REY

Yes/No	System Type:	
	Air-Cooled Chillers	NO
	Water Cooled Chillers	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	DX Package, Split System	NO
	Heat Type:	NO
	Hot Water	NO
	Electric	NO
	RTU Unit	YES
	Heat Type:	GAS
	Hot Water	NO
	Electric	NO
	VRF Multizone Package Unit	NO
	Heat Type:	
	Hot Water	NO
	Electric	NO
	Chilled Water Piping:	NO
	2-pipe	NO
	4-pipe	NO
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	GOOD
	Age of Unit:	2000, 2020
	Chilled Water Piping	N/A
	Piping Issues	N/A
	Condenser Water Piping	N/A

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-22 & R410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	LENNOX	
General Comments:		
System Description/Summary:		
ROOFTOP SIN	GLE ZONE DX PACKAGE UNIT WITH GAS HEAT FOR EACH ROOM	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Yes/No	System Type:		
	Air-Cooled Chillers	NO)
	Water Cooled Chillers	NO)
	Heat Type:		
	Hot Water	NO)
	Electric	NO)
	DX Package, Split System	NO)
	Heat Type:		
	Hot Water	NO)
	Electric	NO)
	RTU Unit	YES	S
	Heat Type:		
	Hot Water	NO)
	Electric	YES	S
	VRF Multizone Package Unit	NO)
	Heat Type:	NO)
	Hot Water	NO)
	Electric	NO)
	Chilled Water Piping:	NO)
	2-pipe	NO)
	4-pipe	NO)
Good, Fair, Poor	System Condition:		
*	General System Condition Campus Wide	FAI	IR
	Age of Unit:	201	13
	Chilled Water Piping	N/A	Α
	Piping Issues	N/A	4
	Condenser Water Piping	N/A	Α

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	FAIR
	Boiler Condition	N/A
Refrigerant Type:	R-410A	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
System Description/Summary:		
	ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM	
	VAV BOXES HAVE ELECTRIC HEAT	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Building Letter/Number: J - CHILLER MECH BLDG

Yes/No	System Type:		·
	Air-Cooled Chillers	YES	3
	Water Cooled Chillers	NO	
	Heat Type:		
	Hot Water	NO	
	Electric	NO	
	DX Package, Split System	NO	
	Heat Type:		
	Hot Water	NO	
	Electric	NO	
	RTU Unit	NO	
	Heat Type:		
	Hot Water	NO	
	Electric	NO	
	VRF Multizone Package Unit	NO	
	Heat Type:		
	Hot Water	NO	
	Electric	NO	
	Chilled Water Piping:	NO	
	2-pipe	NO	
	4-pipe	NO	
Good, Fair, Poor	System Condition:	1	
	General System Condition Campus Wide	FAIR	R
	Age of Unit:	2004	4
	Chilled Water Piping	FAIR	
	Piping Issues	FAIF	R
	Condenser Water Piping	N/A	

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	N/A
	Ductwork Condition	N/A
	Boiler Condition	N/A
Refrigerant Type:	R-22	
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:	TRANE	
General Comments:		
System Description/Summary:		
AIR COOLE	D SCREW CHILLER WITH REMOTE CONDENSER ON THE ROOF	
Status and Function of Controls:		

Villa Del Rey Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: VILLA DEL REY

Building Letter/Number: K,L --- NO HVAC

Yes/No	System Type:	
	Air-Cooled Chillers	
	Water Cooled Chillers	
	Heat Type:	
	Hot Water	
	Electric	
	DX Package, Split System	
	Heat Type:	
	Hot Water	
	Electric	
	RTU Unit	
	Heat Type:	
	Hot Water	
	Electric	
	VRF Multizone Package Unit	
	Heat Type:	
	Hot Water	
	Electric	
	Chilled Water Piping:	
	2-pipe	
	4-pipe	
Good, Fair, Poor	System Condition:	
	General System Condition Campus Wide	
	Age of Unit:	
	Chilled Water Piping	
	Piping Issues	
	Condenser Water Piping	

	Piping Issues	
	Hot Water Piping	
	Piping Issues	
	Piping Insulation	
	Ductwork Condition	
	Boiler Condition	
Refrigerant Type:		
Energy STAR Rating:		
ASHRAE Life Expectance:		
SEER/EER:		
Manufacturer:		
General Comments:		
System Description/Summary:		
G. 1F CG . 1		
Status and Function of Controls:		