

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

EBRPSS HVAC Equipment System Assessment

School Name: BR Center for Visual Performing Arts

Building Letter/Number: Bldg. A, B, C, E, F

Yes/No	System Type:
YES	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
YES	Fan Coils
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multi-zone 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
N/A	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance 20 yrs.

SEER/EER Rating N/A

Manufacturer McQuay

General Comments:

Unit's in operable condition.

System Description/Summary

(23) McQuay 2-pipe fan coil units

Status and Function of Controls

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

EBRPSS HVAC Equipment System Assessment

School Name: BR Center for Visual Performing Arts

Building Letter/Number: Bldg. D

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
	Fan Coils
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multi-zone 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
24	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

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

Refrigerant Type: R22

Energy STAR Rating: _____

ASHRAE Life Expectance 15 yrs.

SEER/EER Rating <9

Manufacturer Trane, Carrier

General Comments:

Unit's in operable condition.

System Description/Summary

(4) DX package unit

Status and Function of Controls

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

EBRPSS HVAC Equipment System Assessment

School Name: BR Center for Visual Performing Arts

Building Letter/Number: Bldg. H

Yes/No	System Type:
YES	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	Fan Coils
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multi-zone 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
20	Age of Unit:
	Chilled Water Piping
Fair	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
Fair	Piping Issues
Fair	Piping Insulation
	Ductwork Condition
Fair	Boiler Condition

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance 20 yrs.

SEER/EER Rating N/A

Manufacturer

Chiller – Trane

Boiler – American Standard

General Comments:

Unit's in operable condition.

System Description/Summary

(1) Trane air cooled chiller, (1) water tube boiler. This is a 2-pipe school.

Status and Function of Controls

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

EBRPSS HVAC Equipment System Assessment

School Name: BR Center for Visual Performing Arts

Building Letter/Number: Bldg. D

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
	Hot Water
	Electric
	Fan Coils
YES	DX Package, Split System
	Heat Type:
	Hot Water
YES	Electric
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multi-zone 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

HVAC Assessments - DISTRICT 5

Baton Rouge School of Visual and Performing Arts

Refrigerant Type: R22

Energy STAR Rating: _____

ASHRAE Life Expectance 15 yrs.

SEER/EER Rating <9

Manufacturer Trane, Carrier

General Comments:

Unit's in operable condition.

System Description/Summary

(1) DX split system unit w/ electric re-heat vav's

Status and Function of Controls

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

EBRPSS HVAC Equipment System Assessment

School Name:

VALLEY PARK

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		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		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

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

A-BUILDING MAIN BLDG
CHILLERS IN C BUILDING

System Description/Summary:

MULTIZONE ROOFTOP AHUS WITH ELECTRIC HEAT ON HOT DECK
ZONE CONTROLS ON AHU

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

EBRPSS HVAC Equipment System Assessment

School Name:

VALLEY PARK

Building Letter/Number:

B

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		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:		YES
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2013
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

A-BUILDING MAIN BLDG
CHILLERS IN C BUILDING

System Description/Summary:

SINGLE ZONE DX SPLIT SYSTEMS
CHILL WATER AHUS AND ROOFTOP PACKAGE UNIT FOR 2ND FLOOR

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

EBRPSS HVAC Equipment System Assessment

School Name: VALLEY PARK
 Building Letter/Number: C - CHILLER MECH

Yes/No	System Type:		
	Air-Cooled Chillers		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		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

HVAC Assessments - DISTRICT 5

Baton Rouge Foreign Language Academic Immersion Magnet

	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	N/A

Refrigerant Type: R-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: MCQUAY

General Comments:

CHILLER MECH

System Description/Summary:

WATERCOOLED RECIP CHILLERS WITH FIXED PUMPING
PNEUMATIC TOWER FAN AND BYPASS CONTROLS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Baton Rouge Magnet High School

EBRPSS HVAC Equipment System Assessment

School Name Baton Rouge Magnet HS
Building Letter/Number A

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 Unit	
	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	

HVAC Assessments - DISTRICT 5

Baton Rouge Magnet High School

Refrigerant Type: R-22

Energy STAR Rating: N/A

ASHRAE Life Expectance Beyond

SEER/EER Rating

Manufacturer

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 5

Baton Rouge Magnet High School

EBRPSS HVAC Equipment System Assessment

School Name Baton Rouge Magnet HS
Building Letter/Number B,C,D,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
	RTU Unit	
	Heat Type:	
		Hot Water
		Electric
YES	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	
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	

HVAC Assessments - DISTRICT 5

Baton Rouge Magnet High School

Refrigerant Type:	410A
Energy STAR Rating:	N/A
ASHRAE Life Expectance	Beyond
SEER/EER Rating	
Manufacturer	LG

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

A

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

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary 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: 410 A // R22

Energy STAR Rating: N/A

ASHRAE Life Expectance: N/A

SEER/EER: N/A

Manufacturer:

General Comments:

UNITS AGED BUT IN FAIR CONDITON

System Description/Summary:

FAN COIL UNITS AND 4 DX SYSTEMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

B

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

HVAC Assessments - DISTRICT 5

Bernard Terrace 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: _____ N/A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

FAN COIL UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

C

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:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		NO
	2-pipe		
	4-pipe		
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

HVAC Assessments - DISTRICT 5

Bernard Terrace 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:

HVAC ADDED IN 2013 TO KITCHEN AND DINING AREA

System Description/Summary:

TWO DX SPLIT SYSTEMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

D

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		
	Electric		
	RTU Unit		NO
	Heat Type:		
	Hot Water		
	Electric		
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		
	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:		2013
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 5

Bernard Terrace 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:

General Comments:

UNITS ADDED DURING 2013 REMODEL

System Description/Summary:

ONE DX SPLIT SYSTEM AND ONE DUCTLESS SPLIT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

E,F, G - HVAC IS ALL WINDOW UNITS

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

HVAC Assessments - DISTRICT 5

Bernard Terrace 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:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

H

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		N/A
	Electric		N/A
	Chilled Water Piping:		
	2-pipe		NO
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2003
	Chilled Water Piping		FAIR
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 5

Bernard Terrace 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	FAIR

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

CHILLER AND BOILER MECH BUILDING

System Description/Summary:

TRANE AIR COOLED CHILLER WITH REMOTE CONDENSER ON ROOFTOP
THERMOPAK BOILER
2 PIPE SYSTEM

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Bernard Terrace Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BERNARD TERRACE

Building Letter/Number:

I

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		NO
	RTU Unit		YES
	Heat Type:		
	Hot Water		NO
	Electric		YES
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	Chilled Water Piping:		
	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

HVAC Assessments - DISTRICT 5

Bernard Terrace 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:

ROOFTOP PACKAGE UNIT VAV SYSTEM WITH ELECTRIC HEAT IN VAV BOXES

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Capitol Middle School

EBRPSS HVAC Equipment System Assessment

School Name Capital Middle
Building Letter/Number A,B,C

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 Unit	
	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	

HVAC Assessments - DISTRICT 5

Capitol Middle School

Refrigerant Type:	134A
Energy STAR Rating:	N/A
ASHRAE Life Expectance	Beyond
SEER/EER Rating	
Manufacturer	

General Comments

fair

System Description/Summary

fair

Status and Function of Controls

fair

HVAC Assessments - DISTRICT 5

EBR Readiness Elementary at Old Greenville

HVAC Assessments - DISTRICT 5

McKinley Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY MIDDLE

Building Letter/Number:

A

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		
	Chilled Water Piping:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD

HVAC Assessments - DISTRICT 5

McKinley Middle School

	Piping Issues	GOOD
	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:

System Description/Summary:

WATER COOLED YORK SCREW CHILLERS
NATURAL GAS BOILER WITH POWER BURNER
VARIABLE SPEED CHILL WATER AHUS FOR VAV SYSTEM
VAV BOXES HAVE HOT WATER COILS FOR HEATING
SERVER ROOMS HAVE SELF CONTAINED IN CEILING PACKAGE UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

A

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:		2002

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: MARVAIR

General Comments:

System Description/Summary:

MARVAIR INDOOR WALLMOUNT DX PACKAGE UNITS WITH ELECTRIC HEAT
ONE UNIT PER CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

B

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:		2002

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: MARVAIR

General Comments:

System Description/Summary:

MARVAIR INDOOR WALLMOUNT DX PACKAGE UNITS WITH ELECTRIC HEAT
ONE UNIT PER CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

C

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:		2012

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: R410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE

General Comments:

OFFICE / ADMIN AREA

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

D

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:		2011

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: R410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE

General Comments:

CAFETERIA

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNITS WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

E

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:		2011

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: R410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

AUDITORIUM

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

F

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:		

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

OLD QUAD BUILDING

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

G

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:		2011

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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:

TRANE

General Comments:

LIBRARY

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Melrose Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MELROSE

Building Letter/Number:

H

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:		2011

HVAC Assessments - DISTRICT 5

Melrose Elementary School

	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: TRANE

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNITS FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

The Dufrocq School

EBRPSS HVAC Equipment System Assessment

School Name: DUFROCQ ELEMENTARY

Building Letter/Number: A

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		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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2008
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 5

The Dufrocq School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

MITSUBISHI

General Comments:

REMODELED IN 2008

System Description/Summary:

4-PIPE

TWO WATER COOLED SCREW CHILLERS WITH VARIABLE PRIMARY PUMP SCHEME
ONE NATURAL GAS BOILER WITH POWER BURNER
ONE CLOSET 4-PIPE FAN COIL UNIT FOR EACH CLASSROOM
SERVER AND ELECTRICAL ROOMS HAVE DUCTLESS SPLITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

The Dufrocq School

EBRPSS HVAC Equipment System Assessment

School Name: DUFROCQ ELEMENTARY

Building Letter/Number: B - CHILLER BOILER MECH BLDG

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		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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2008
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 5

The Dufrocq School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-134A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

TRANE

General Comments:

REMODELED IN 2008

System Description/Summary:

TWO WATER COOLED SCREW CHILLERS WITH VARIABLE PRIMARY PUMP SCHEME
ONE NATURAL GAS BOILER WITH POWER BURNER

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

The Dufrocq School

EBRPSS HVAC Equipment System Assessment

School Name: DUFROCQ ELEMENTARY

Building Letter/Number: C

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		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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		GOOD
	Age of Unit:		2008
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 5

The Dufrocq School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: TRANE

General Comments:

REMODELED IN 2008

System Description/Summary:

4-PIPE

TWO WATER COOLED SCREW CHILLERS WITH VARIABLE PRIMARY PUMP SCHEME
ONE NATURAL GAS BOILER WITH POWER BURNER
SERVER AND ELECTRICAL ROOMS HAVE DUCTLESS SPLITS
CHILL WATER AHUS FOR VAV SYSTEM
VAV BOXES HAVE HOT WATER COILS
OFFICE - LOUNGE AHU HAS DX BACKUP

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

The Dufrocq School

EBRPSS HVAC Equipment System Assessment

School Name: DUFROCQ ELEMENTARY

Building Letter/Number: D

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:		2008
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		FAIR

HVAC Assessments - DISTRICT 5

The Dufrocq School

	Piping Issues	FAIR
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	GOOD
	Ductwork Condition	GOOD
	Boiler Condition	GOOD

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

REMODELED IN 2008

System Description/Summary:

4-PIPE

TWO WATER COOLED SCREW CHILLERS WITH VARIABLE PRIMARY PUMP SCHEME
ONE NATURAL GAS BOILER WITH POWER BURNER
CHILL WATER AHUS FOR VAV SYSTEM
VAV BOXES HAVE HOT WATER COILS

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE HEIGHTS

Building Letter/Number:

A

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:		GAS
	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:		
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2004
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: MCQUAY

General Comments:

2 PIPE SYSTEM

System Description/Summary:

2 PIPE SYSTEM

AIRCOOLED SCROLL CHILLER WITH REMOTE CONDENSER ON THE ROOF OF A BLDG
NATURAL DRAFT BOILER IN A BLDG
SINGLE ZONE DX SPLIT SYSTEM WITH GAS HEAT FOR OFFICE AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE HEIGHTS

Building Letter/Number: B

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:		
	2-pipe		YES
	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

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet 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:

System Description/Summary:

SINGLE ZONE DX PACKAGE UNITS FOR THE AUDITORIUM

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE HEIGHTS

Building Letter/Number:

C

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		NO
	Chilled Water Piping:		
	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

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

	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:

2 PIPE SYSTEM

System Description/Summary:

2 PIPE FAN COIL UNITS IN EACH CLASSROOM
AIRCOOLED SCROLL CHILLER WITH REMOTE CONDENSER ON THE ROOF OF A BLDG
NATURAL DRAFT BOILER IN A BLDG

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE HEIGHTS

Building Letter/Number: D

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		NO
	Chilled Water Piping:		
	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

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

	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:

2 PIPE SYSTEM

System Description/Summary:

2 PIPE FAN COIL UNITS IN EACH CLASSROOM
AIRCOOLED SCROLL CHILLER WITH REMOTE CONDENSER ON THE ROOF OF A BLDG
NATURAL DRAFT BOILER IN A BLDG

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE HEIGHTS

Building Letter/Number: E

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		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2003
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet 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:

System Description/Summary:

ROOFTOP TRANE MULTIZONE DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE HEIGHTS

Building Letter/Number:

F

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:		
	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

HVAC Assessments - DISTRICT 5

Westdale Heights Academic Magnet 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:

System Description/Summary:

TWO SINGLE ZONE DX SPLIT SYSTEMS WITH ELECTRIC HEAT FOR LIBRARY

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE

Building Letter/Number: A

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		YES
	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:		1994
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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:

CHILLER IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

WATER COOLED SCREW CHILLER
NATURAL DRAFT BOILER
SPLIT SYSTEMS FOR GYM
GROUND LEVEL PACKAGE UNITS FOR KITCHEN AND DINING AREA
FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE MIDDLE

Building Letter/Number:

B

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:		1992
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 5

Westdale 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: GOODMAN

General Comments:

ADMIN BUILDING

System Description/Summary:

ROOFTOP PACKAGE UNIT WITH ELECTRIC HEAT FOR OFFICE AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE

Building Letter/Number: C

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:		NO
	2-pipe		NO
	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		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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 IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE MIDDLE

Building Letter/Number:

D

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:		NO
	2-pipe		NO
	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		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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 IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE

Building Letter/Number: E

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:		NO
	2-pipe		NO
	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		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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 IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE MIDDLE

Building Letter/Number:

F

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:		NO
	2-pipe		NO
	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		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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 IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE MIDDLE

Building Letter/Number:

G

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:		NO
	2-pipe		NO
	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		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 5

Westdale Middle School

	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 IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

FAN COIL UNITS FOR CLASSROOMS FOR COOLING
NATURAL CONVECTION WALL HEATERS IN CLASSROOMS

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE

Building Letter/Number: G

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		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:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2003
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 5

Westdale 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:

CHILLER IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

DX SPLIT SYSTEMS WITH ELECTRIC HEAT
ONE UNIT PER CLASSROOM

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

WESTDALE MIDDLE

Building Letter/Number:

I

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		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:		2009
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 5

Westdale 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:

CHILLER IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE

Building Letter/Number: J

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		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:		2013
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 5

Westdale 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-410A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: MCQUAY

General Comments:

CHILLER IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE
 Building Letter/Number: K --- CHILLER MECHANICAL

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		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

HVAC Assessments - DISTRICT 5

Westdale Middle 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-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

CHILLER IN BUILDING K
BOILER IN BUILDING A

System Description/Summary:

WATER COOLED TRANE SCREW CHILLER

HVAC Assessments - DISTRICT 5

Westdale Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WESTDALE MIDDLE
 Building Letter/Number: 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		

HVAC Assessments - DISTRICT 5

Westdale Middle 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:

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: SHENANDOAH 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
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

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 9

Manufacturer: SEASON-4

General Comments:

UNIT'S IN OPERABLE CONDITION. DRAIN LINES ARE ORIGINAL, THE HAVE CRACKED, BROKEN OVER TIME AND DO NOT RUN TO ROOF DRAINS.

System Description/Summary

(6) SEASON-4 DX MULTI-ZONE ROOFTOP DX PACKAGE UNITS, (1) LG MINI SPLIT

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: SHENANDOAH

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
	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:
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

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 10

Manufacturer: JCI

General Comments:

UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(1) JCI ROOFTOP DX PACKAGE UNITS WITH REHEAT VAV'S. (3) LG MINI SPLITS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: SHENANDOAH

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
	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:
GOOD	General System Condition Campus Wide
5	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

HVAC Assessments - DISTRICT 6

Shenandoah Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 10

Manufacturer: JCI

General Comments:

UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(1) JCI ROOFTOP DX PACKAGE UNITS WITH REHEAT VAV'S. (1) LG MINI SPLITS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 6

Woodlawn Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: WOODLAWN ELEM

Building Letter/Number: BLDG. 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
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
YES	Mini Split / Computer Room Unit
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
13	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
	Boiler Condition

HVAC Assessments - DISTRICT 6

Woodlawn Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 20 YRS.

SEER/EER Rating: 10

Manufacturer: TRANE CHILLERS / AHU'S, LIEBERT CRU, MITSUBISHI MS

General Comments:

ALL UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(2) WATER COOLED CHILLERS, (1) COMPUTER ROOM UNIT, (7) MINI SPLITS,
(1) BOILER, (2) COOLING TOWERS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 6

Woodlawn High School

EBRPSS HVAC Equipment System Assessment

School Name: WOODLAWN HIGH

Building Letter/Number: A

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		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:		2001
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 6

Woodlawn High School

	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
CHILLERS AND BOILERS IN C BUILDING

System Description/Summary:

4- PIPE FAN COIL UNITS FOR EACH CLASSROOM
4-PIPE CHILL WATER AHUS FOR LARGE AREAS (GYM, AUDITORIUM, DINING, KITCHEN, EXT.)
DX BACKUP FOR OFFICE AREA AND LIBRARY

Status and Function of Controls:

HVAC Assessments - DISTRICT 6

Woodlawn High School

EBRPSS HVAC Equipment System Assessment

School Name:

WOODLAWN HIGH

Building Letter/Number:

B

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:		2001
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 6

Woodlawn 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: _____

General Comments:

System Description/Summary:

4- PIPE FAN COIL UNITS FOR EACH CLASSROOM ABOVE DROP-IN CEILING
4-PIPE AHU FOR COMMON AREAS

Status and Function of Controls:

HVAC Assessments - DISTRICT 6

Woodlawn High School

EBRPSS HVAC Equipment System Assessment

School Name: WOODLAWN HIGH
Building Letter/Number: C - CHILLER MECH

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:		2001
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 6

Woodlawn High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: R-134A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

CHILLER AND BOILER MECH

System Description/Summary:

WATER COOLED SCREW CHILLERS WITH VARIABLE SECONDARY PUMPING
NATURAL DRAFT BOILERS WITH POWER BURNERS AND VARIABLE PRIMARY PUMPING

Status and Function of Controls:

HVAC Assessments - DISTRICT 6

Woodlawn High School

EBRPSS HVAC Equipment System Assessment

School Name: WOODLAWN HIGH

Building Letter/Number: D

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:		2001
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 6

Woodlawn 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: _____

CARRIER

General Comments:

STADIUM LOCKEROOMS

System Description/Summary:

3 TON THRU THE WALL PTAC UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 6

Woodlawn Middle School

EBRPSS HVAC Equipment System Assessment

School Name: WOODLAWN ELEM

Building Letter/Number: BLDG. 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
	Natural Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	VRF Multizone Package Unit
	Heat Type:
	Hot Water
	Electric
YES	Mini Split / Computer Room Unit
	Chilled Water Piping:
	2-pipe
YES	4-pipe

Good, Fair, Poor	System Condition:
GOOD	General System Condition Campus Wide
13	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
	Boiler Condition

HVAC Assessments - DISTRICT 6

Woodlawn Middle School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 20 YRS.

SEER/EER Rating: 10

Manufacturer: TRANE CHILLERS / AHU'S, LIEBERT CRU, MITSUBISHI MS

General Comments:

ALL UNIT'S IN OPERABLE CONDITION.

System Description/Summary

(2) WATER COOLED CHILLERS, (1) COMPUTER ROOM UNIT, (7) MINI SPLITS,
(1) BOILER, (2) COOLING TOWERS

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

A

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

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	NO
	Piping Insulation	
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: R-410

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: RHEEM

General Comments:

MAIN BUILDING

System Description/Summary:

FAN COIL UNITS AND ONE DX SPLIT FOR THE OFFICE

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

B

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

HVAC Assessments - DISTRICT 7

Buchanan 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:

General Comments:

KITCHEN/ CAFÉ

System Description/Summary:

TWO DX SPLIT SYSTEMS FOR DINING AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

C

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

HVAC Assessments - DISTRICT 7

Buchanan 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: YORK

General Comments:

AUDITORIUM

System Description/Summary:

TWO GROUND PACKAGE UNITS COOLING ONLY. SUSPENDED GAS HEATERS

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

D

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

HVAC Assessments - DISTRICT 7

Buchanan 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: ARMSTRONG

General Comments:

OLD QUAD

System Description/Summary:

ROOFTOP PACKAGE UNIT VAV SYSTEM WITH ELECTRIC HEAT ON VAV BOXES

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

E

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

HVAC Assessments - DISTRICT 7

Buchanan 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:

JOHNSTONE SUPPLY

General Comments:

NEW QUAD

System Description/Summary:

ROOFTOP PACKAGE UNIT VAV SYSTEM WITH ELECTRIC HEAT ON VAV BOXES

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

G

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		N/A
	Electric		N/A
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	RTU Unit		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		N/A
	Electric		N/A
	Chilled Water Piping:		YES
	2-pipe		
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2003
	Chilled Water Piping		FAIR
	Piping Issues		NO
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 7

Buchanan 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: TRANE

General Comments:

CHILLER MECHANICAL ROOM

System Description/Summary:

AIR COOLED CHILLER WITH A REMOTE CONDENSER ON THE ROOF

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Buchanan Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

BUCHANAN

Building Letter/Number:

H,I,F,J,K WINDOW UNITS OR 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		

HVAC Assessments - DISTRICT 7

Buchanan 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:

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System Description/Summary:

--

Status and Function of Controls:

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HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name: GLASGOW MIDDLE

Building Letter/Number: A

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		
	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

HVAC Assessments - DISTRICT 7

Glasgow 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-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: SEASONS 4

General Comments:

System Description/Summary:

ROOFTOP 4 SEASONS MULTIZONE DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name: GLASGOW MIDDLE

Building Letter/Number: B

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		
	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

HVAC Assessments - DISTRICT 7

Glasgow 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-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

CARRIER

General Comments:

System Description/Summary:

ROOFTOP CARRIER MULTIZONE DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

GLASGOW MIDDLE

Building Letter/Number:

C

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		
	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

HVAC Assessments - DISTRICT 7

Glasgow 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-22

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE, YORK, 4 SEASONS

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNITS WITH GAS HEAT FOR GYM, DINING, BAND ROOM
ROOFTOP 4 SEASONS MULTIZONE DX PACKAGE UNIT WITH GAS HEAT FOR ARTS ROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

GLASGOW MIDDLE

Building Letter/Number:

D

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:		2011
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 7

Glasgow 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: JOHNSON CONTROLS

General Comments:

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name: GLASGOW MIDDLE

Building Letter/Number: E

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		
	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

HVAC Assessments - DISTRICT 7

Glasgow 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-22

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE DX PACKAGE UNIT WITH GAS HEAT FOR OFFICE AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Glasgow Middle School

EBRPSS HVAC Equipment System Assessment

School Name:

GLASGOW MIDDLE

Building Letter/Number:

F

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:		2009
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 7

Glasgow 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:

NURSES BUILDING

System Description/Summary:

SINGLE ZONE SPLIT SYSTEMS WITH ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY

Building Letter/Number: A

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:		NO
	Hot Water		NO
	Electric		YES
	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:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		NO

HVAC Assessments - DISTRICT 7

Highland 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: TRANE

General Comments:

BUILDING HVAC IS AGED BUT IN FAIR CONDITION

System Description/Summary:

FOUR PIPE
FAN COIL UNITS AND NATURAL CONVECTION WALL HEATERS
OFFICE UNIT IS A DX SPLIT SYSTEM WITH AHU ABOVE CEILING

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY

Building Letter/Number: B

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	Heat Type:		GAS
	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		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

HVAC Assessments - DISTRICT 7

Highland 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: GOODMAN

General Comments:

System Description/Summary:

DX SPLIT SYSTEMS FOR DINING AREA AND KITCHEN.
HANGING GAS HEATERS IN DINING AREA.

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY
 Building Letter/Number: C ---- WINDOW UNITS

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		

HVAC Assessments - DISTRICT 7

Highland 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:

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HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY

Building Letter/Number: D

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:		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:		
	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

HVAC Assessments - DISTRICT 7

Highland Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	GOOD

Refrigerant Type: _____ N/A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

2 PIPE - ONLY BUILDING ON CAMPUS THAT'S 2 PIPE
BOILER LOCATED IN BUILDING WITH AUTO CHANGEOVER VALVE
FAN COIL UNITS ONLY

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY

Building Letter/Number: E - MECHANICAL BUILDING

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:		YES
	2-pipe		YES
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		
	Age of Unit:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 7

Highland Elementary School

	Piping Issues	N/A
	Hot Water Piping	N/A
	Piping Issues	N/A
	Piping Insulation	FAIR
	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 COOLED CHILLER WITH A REMOTE CONDENSER ON THE ROOF.
SYSTEM IS FOUR PIPE AND TWO PIPE.
BUILDING A IS FOUR PIPE AND D IS TWO PIPE.

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Highland Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: HIGHLAND ELEMENTARY

Building Letter/Number: F

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:		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:		2003
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 7

Highland 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:

System Description/Summary:

DX SPLIT SYSTEM FOR VAV BOXES.
VAV BOXES HAVE ELECTRIC HEAT.

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	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		YES
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2009
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		FAIR
	Piping Issues		FAIR

HVAC Assessments - DISTRICT 7

Liberty High School

	Hot Water Piping	FAIR
	Piping Issues	FAIR
	Piping Insulation	FAIR
	Ductwork Condition	FAIR
	Boiler Condition	FAIR

Refrigerant Type: R-134A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE

General Comments:

A BUILDING HAS 2-PIPE AND 4-PIPE SYSTEMS

System Description/Summary:

AIRCOOLED SCREW CHILLER WITH VARIABLE PRIMARY PUMPING ON COOLING ONLY PIPING
FOR AUDITORIUM AND GYM AREA
DX SPLIT SYSTEM WITH 2-PIPE HOT WATER COIL
CLASSROOMS ARE ON 2-PIPE SYSTEM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

B

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		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

HVAC Assessments - DISTRICT 7

Liberty 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: _____

General Comments:

System Description/Summary:

2-PIPE FAN COIL UNITS FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name: MCKINLEY HIGH SCHOOL

Building Letter/Number: C

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		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

HVAC Assessments - DISTRICT 7

Liberty 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: _____

General Comments:

System Description/Summary:

2-PIPE FAN COIL UNITS FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

D

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		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:		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

HVAC Assessments - DISTRICT 7

Liberty 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: _____

General Comments:

System Description/Summary:

2-PIPE FAN COIL UNITS FOR EACH CLASSROOM
DX SPLIT SYSTEMS WITH ELECTRIC HEAT FOR DINING AREA AND KITCHEN

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

E

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		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

HVAC Assessments - DISTRICT 7

Liberty 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: _____

General Comments:

System Description/Summary:

2-PIPE FAN COIL UNITS FOR EACH CLASSROOM
BOILER LOCATED IN THIS BUILDING 2-PIPE

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

F

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		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

HVAC Assessments - DISTRICT 7

Liberty 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: _____

General Comments:

BAND

System Description/Summary:

2-PIPE FAN COIL UNITS FOR EACH CLASSROOM AND BAND AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

G

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:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Liberty High 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 R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: CARRIER, TRANE

General Comments:

System Description/Summary:

DX SPLIT SYSTEM FOR THE BLACK BOX AREA
ROOFTOP DX PACKAGE UNITS FOR THE CLASSROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

H ---- WINDOW UNITS

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		

HVAC Assessments - DISTRICT 7

Liberty 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:

--

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

I, J, M ---- 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		

HVAC Assessments - DISTRICT 7

Liberty 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:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

L - CHILLER MECH

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		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2000
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Liberty High School

	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, TRANE

General Comments:

CHILLER BUILDING

System Description/Summary:

WATER COOLED SCREW CHILLERS ON 2-PIPE SYSTEM
BOILER IN E-BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Liberty High School

EBRPSS HVAC Equipment System Assessment

School Name:

MCKINLEY HIGH SCHOOL

Building Letter/Number:

K

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:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Liberty High 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: CARRIER

General Comments:

ROTC BUILDING

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR THE ROTC

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

McKinley High School

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

A

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		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
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: _____

General Comments:

A-BUILDING

BOILER IN A-BUILDING
CHILLER IN H-BUILDING

System Description/Summary:

2-PIPE CHILL WATER FAN COIL UNITS FOR EACH CLASSROOM
CONVENTION HOT WATER WALL HEATER IN EACH CLASSROOM
NATURAL DRAFT BOILER IN A BUILDING

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

B

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		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
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: _____

General Comments:

B-BUILDING

BOILER IN A-BUILDING
CHILLER IN H-BUILDING

System Description/Summary:

2-PIPE CHILL WATER FAN COIL UNITS FOR EACH CLASSROOM
CONVENTION HOT WATER WALL HEATER IN EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

C

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		NO
	Electric		NO
	DX Package, Split System		YES
	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		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: CARRIER

General Comments:

DINING ROOM

System Description/Summary:

SINGLE ZONE DX SPLIT SYSTEM FOR THE DINING AREA
SUSPENDED GAS HEATERS FOR DINING AREA
WINDOW UNITS AND SUSPENDED GAS HEATER FOR KITCHEN

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

D

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		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
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: _____

General Comments:

BOILER IN A BUILDING
CHILLER IN H BUILDING

System Description/Summary:

4-PIPE FAN COIL UNITS FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

E

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		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
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: _____

General Comments:

BOILER IN A BUILDING
CHILLER IN H BUILDING

System Description/Summary:

4-PIPE FAN COIL UNITS FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

F

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		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
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: _____

General Comments:

BOILER IN A BUILDING
CHILLER IN H BUILDING

System Description/Summary:

4-PIPE FAN COIL UNITS FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

SOUTHDOWNS

Building Letter/Number:

G

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

HVAC Assessments - DISTRICT 7

Southdowns Elementary 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: GOODMAN

General Comments:

LIBRARY

System Description/Summary:

SINGLE ZONE GROUND LEVEL PACKAGE UNIT FOR THE LIBRARY

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **SOUTHDOWNS**
 Building Letter/Number: **H - CHILLER MECH**

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A

HVAC Assessments - DISTRICT 7

Southdowns Elementary School

	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:

CHILLER MECH

System Description/Summary:

AIR COOLED SCREW CHILLER WITH REMOTE CONDENSER ON THE ROOF
CONSTANT VOLUME PUMPING

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

EBRPSS HVAC Equipment System Assessment

School Name: POLK

Building Letter/Number: A

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2014
	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: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

SEER/EER: _____
Manufacturer: _____ YORK _____

General Comments:

AUDITORIUM - CAFETERIA
4-PIPE
BOILER IN A BUILDING
CHILLERS OUTSIDE A BUILDING & IN D BUILDING

System Description/Summary:

ROOFTOP CHILL WATER AND HOT WATER AHUS
DEDICATED AIR COOLED CHILLER ON GROUND
FORCED DRAFT POWER BURNER BOILER IN MECHANICAL ROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

EBRPSS HVAC Equipment System Assessment

School Name: POLK

Building Letter/Number: B

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	Hot Water		YES
	Electric		NO
	DX Package, Split System		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	RTU Unit		YES
	Heat Type:		NO
	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		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
	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:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

SEER/EER: _____
Manufacturer: _____ YORK _____

General Comments:

MAIN BUILDING

System Description/Summary:

4-PIPE FAN COIL UNITS IN EACH CLASSROOM
DX SPLIT SYSTEM FOR OFFICE AREA
GROUND DX PACKAGE UNITS FOR LIBRARY AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

EBRPSS HVAC Equipment System Assessment

School Name: POLK

Building Letter/Number: 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		
	Piping Issues		
	Piping Insulation		
	Ductwork Condition		
	Boiler Condition		

Refrigerant Type: _____

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

SEER/EER: _____
Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

EBRPSS HVAC Equipment System Assessment

School Name:

POLK

Building Letter/Number:

D - CHILLER MECH

Yes/No	System Type:		
	Air-Cooled Chillers		YES
	Water Cooled Chillers		NO
	Heat Type:		NO
	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:		YES
	2-pipe		NO
	4-pipe		YES
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2001
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A
	Piping Issues		N/A
	Hot Water Piping		N/A
	Piping Issues		N/A
	Piping Insulation		FAIR
	Ductwork Condition		N/A
	Boiler Condition		N/A

Refrigerant Type: R-22

Energy STAR Rating:

ASHRAE Life Expectance:

HVAC Assessments - DISTRICT 7

University Terrace Elementary at Polk ES

SEER/EER: _____
Manufacturer: _____ TRANE _____

General Comments:

System Description/Summary:

AIR COOLED SCREW CHILLER WITH REMOTE CONDENSER ON THE ROOF

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

A, B, C

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:		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:		2000

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

SHINGLE ROOF AND PULL TYPE DISCONNECTS IN POOR CONDITON

System Description/Summary:

SINGLE ZONE ROOFTOP DX PACKAGE UNITS WITH GAS HEAT
ONE UNIT FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

D

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:		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:		2001

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

D-BUILDING AUDITORIUM AND CAFETERIA

System Description/Summary:

SINGLE ZONE GROUND LEVEL DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

E - WINDOW UNITS ONLY

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:		

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

SINGLE ZONE GROUND LEVEL DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

F

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:		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:		2000

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

F-BUILDING LIBRARY UNIT

System Description/Summary:

ROOFTOP DX PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

H,G,I,J

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:		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:		2000

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

ROOF AND PULL TYPE DISCONNECTS IN POOR CONDITON

System Description/Summary:

SINGLE ZONE ROOFTOP DX PACKAGE UNITS WITH GAS HEAT
ONE UNIT FOR EACH CLASSROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

L,K --- 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:		

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

SINGLE ZONE GROUND LEVEL DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAGNOLIA WOODS

Building Letter/Number:

M

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		NO
	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:		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:		2000

HVAC Assessments - DISTRICT 8

Magnolia Elementary School

	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:

M BUILDING

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
ELECTRIC HEAT IN VAV BOXES

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MAYFAIR ELEMENTARY

Building Letter/Number: A

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		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:		
	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

HVAC Assessments - DISTRICT 8

Mayfair 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-407C

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer:

STULZ

General Comments:

ADMIN BUILDING TWO PIPE
CHILLER IN H BUILDING
BOILER IN C BUILDING

System Description/Summary:

2 PIPE FAN COIL UNITS FOR MOST AREAS
DX SPLIT SYSTEM FOR DATA ROOM

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAYFAIR ELEMENTARY

Building Letter/Number:

B

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:		GAS
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	2-pipe		YES
	4-pipe		NO
Good, Fair, Poor	System Condition:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		2011
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	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: CARRIER

General Comments:

System Description/Summary:

SINGLE ZONE PACKAGE UNIT WITH GAS HEAT FOR KITCHEN
SUSPENDED GAS HEATERS FOR DINING AREA
HEAT ONLY FAN COILS FOR AUDITORIUM
A/C WINDOW UNITS IN AUDITORIUM AND DINING AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAYFAIR ELEMENTARY

Building Letter/Number:

C

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:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	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		NO
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	NO
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____ N/A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

TWO PIPE
CHILLER IN H BUILDING
BOILER IN C BUILDING

System Description/Summary:

TWO PIPE FAN COIL UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAYFAIR ELEMENTARY

Building Letter/Number:

D

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:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	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		NO
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	NO
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____ N/A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

TWO PIPE
CHILLER IN H BUILDING
BOILER IN C BUILDING

System Description/Summary:

TWO PIPE FAN COIL UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MAYFAIR ELEMENTARY

Building Letter/Number: E

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:		NO
	Hot Water		NO
	Electric		NO
	VRF Multizone Package Unit		NO
	Heat Type:		
	Hot Water		NO
	Electric		NO
	Chilled Water Piping:		
	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		NO
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

	Piping Issues	N/A
	Hot Water Piping	FAIR
	Piping Issues	NO
	Piping Insulation	FAIR
	Ductwork Condition	N/A
	Boiler Condition	FAIR

Refrigerant Type: _____ N/A

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

TWO PIPE
CHILLER IN H BUILDING
BOILER IN C BUILDING

System Description/Summary:

TWO PIPE FAN COIL UNITS

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAYFAIR ELEMENTARY

Building Letter/Number:

F

Yes/No	System Type:		
	Air-Cooled Chillers		NO
	Water Cooled Chillers		NO
	Heat Type:		GAS
	Hot Water		
	Electric		
	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:		
	General System Condition Campus Wide		FAIR
	Age of Unit:		
	Chilled Water Piping		N/A
	Piping Issues		N/A
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair 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:

LIBRARY BUILDING, UNDERGROUND GAS LINE HAS LEAKS AND FILLS WITH WATER.

System Description/Summary:

GROUND LEVEL SINGLE ZONE DX PACKAGE UNIT WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: MAYFAIR ELEMENTARY

Building Letter/Number: G

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:		2010
	Chilled Water Piping		NA
	Piping Issues		NA
	Condenser Water Piping		NA

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

	Piping Issues	NA
	Hot Water Piping	NA
	Piping Issues	NA
	Piping Insulation	NA
	Ductwork Condition	FAIR
	Boiler Condition	NA

Refrigerant Type: R-410A

Energy STAR Rating:

ASHRAE Life Expectance:

SEER/EER:

Manufacturer: YORK

General Comments:

QUAD BUILDING

System Description/Summary:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
ELECTRIC HEAT IN VAV BOXES

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Mayfair Elementary School

EBRPSS HVAC Equipment System Assessment

School Name:

MAYFAIR ELEMENTARY

Building Letter/Number:

H ---- CHILLER PLANT

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:		2002
	Chilled Water Piping		FAIR
	Piping Issues		FAIR
	Condenser Water Piping		N/A

HVAC Assessments - DISTRICT 8

Mayfair 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: TRANE

General Comments:

2-PIPE SYSTEM

System Description/Summary:

90 TON AIR COOLED CHILLER WITH REMOTE CONDENSER ON THE ROOF.

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Wildwood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **WILDWOOD**
 Building Letter/Number: **A**

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		
	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

HVAC Assessments - DISTRICT 8

Wildwood 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:

4 SEASONS

General Comments:

System Description/Summary:

ROOFTOP 4 SEASONS MULTIZONE DX PACKAGE UNITS WITH GAS HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Wildwood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **WILDWOOD**
 Building Letter/Number: **B**

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

HVAC Assessments - DISTRICT 8

Wildwood 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:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 8

Wildwood Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: **WILDWOOD**
 Building Letter/Number: **C**

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

HVAC Assessments - DISTRICT 8

Wildwood 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:

ROOFTOP DX PACKAGE UNIT FOR VAV SYSTEM
VAV BOXES HAVE ELECTRIC HEAT

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: CEDARCREST ELEM

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
	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
23	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

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 10

Manufacturer: CARRIER

General Comments:

ALL UNITS ORIGINAL TO BUILDING AND ALL IN OPERABLE CONDITION. PARTS FOR THE CARRIER MULTIZONES ARE DISCONTINUED, MULTIPLE COMRESSORS HAVE BEEN REPLACED AND REFRIGERANT LEAKS REPAIRED. WE HAVE HAD TO REBUILD PANS FOR UNITS DUE TO DESIGN ISSUES WITH CONDENSATE PANS / PIPING.

System Description/Summary

(4) CARRIER MULTIZONE PACKAGE UNIT, (1) YORK PACKAGE UNIT

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: CEDARCREST ELEM

Building Letter/Number: B, 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
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
25	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

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 8

Manufacturer: LENNOX

General Comments:

ALL UNITS ORIGINAL TO BUILDING AND ALL IN OPERABLE CONDITION.
COMRESSORS HAVE BEEN REPLACED, REFRIGERANT LEAKS REPAIRED, HEAT
REPLACED, PANELS REPLACED.

System Description/Summary

(6) LENNOX ROOFTOP PACKAGE UNIT.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: CEDARCREST ELEM

Building Letter/Number: 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
	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:
FAIR	General System Condition Campus Wide
7	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

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 10

Manufacturer: CARRIER

General Comments:

UNIT OPERABLE

System Description/Summary

(1) CARRIER ROOFTOP PACKAGE UNIT WITH ELECTRIC HEAT VAV'S. (1) SANYO MINI SPLIT IN SERVER ROOM.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: DALTON ELEM

Building Letter/Number: E

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
	Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	FAN Coil
	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
19	Age of Unit:
	Chilled Water Piping
VERY POOR	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
VERY POOR	Piping Insulation
	Ductwork Condition
FAIR	Boiler Condition

HVAC Assessments - DISTRICT 9

Cedarcrest Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: 9

Manufacturer: TRANE

General Comments:

UNIT OPERABLE

System Description/Summary

(1) TRANE AIR COOLED CHILLER WITH REMOTE CONDENSER, (1) WATER TUBE BOILER.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Jefferson Terrace Academy

EBRPSS HVAC Equipment System Assessment

School Name: JEFFERSON TERRACE

Building Letter/Number: A

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		YES
	Heat Type:		
	Hot Water		YES
	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:		2020
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD
	Hot Water Piping		GOOD
	Piping Issues		GOOD
	Piping Insulation		GOOD
	Ductwork Condition		GOOD
	Boiler Condition		GOOD

Refrigerant Type: _____

HVAC Assessments - DISTRICT 9

Jefferson Terrace Academy

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

CHILLERS OUTSIDE B BUILDING
BOILERS IN B BUILDING

System Description/Summary:

VARIABLE SPEED AHUS WITH PREHEAT COILS FOR VAV SYSTEM
VAVS HAVE HOT WATER COILS

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Jefferson Terrace Academy

EBRPSS HVAC Equipment System Assessment

School Name: JEFFERSON TERRACE

Building Letter/Number: B

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		YES
	Heat Type:		
	Hot Water		YES
	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:		2020
	Chilled Water Piping		GOOD
	Piping Issues		GOOD
	Condenser Water Piping		GOOD
	Piping Issues		GOOD
	Hot Water Piping		GOOD
	Piping Issues		GOOD
	Piping Insulation		GOOD
	Ductwork Condition		GOOD
	Boiler Condition		GOOD

Refrigerant Type: R-134A

HVAC Assessments - DISTRICT 9

Jefferson Terrace Academy

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____ CARRIER

General Comments:

CHILLERS OUTSIDE B BUILDING
BOILERS IN B BUILDING

System Description/Summary:

AIR COOLED VARIABLE SPEED SCREW CHILLERS
HIGH EFFICIENCY CONDENSING BOILERS
VARIABLE SPEED AHUS WITH PREHEAT COILS FOR VAV SYSTEM
VAVS HAVE HOT WATER COILS
DX BACKUP FOR CAFETERIA AND OFFICE AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LASALLE ELEM

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
	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:
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
POOR	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 13

Manufacturer: GOODMAN

General Comments:

UNITS OPERABLE. CMC REPLACED CONDENSER.

System Description/Summary

(1) SPLIT SYSTEM.

Status and Function of Controls

DDC CONTROLS, OPERABLE

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LASALLE ELEM

Building Letter/Number: B,C,D,G,H

Yes/No	System Type:
	Air-Cooled Chillers
	Water Cooled Chillers
	Heat Type:
YES	Hot Water
	Electric
	DX Package, Split System
	Heat Type:
	Hot Water
	Electric
	Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
YES	FAN Coil
	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
20+	Age of Unit:
	Chilled Water Piping
FAIR	Piping Issues
	Condenser Water Piping
	Piping Issues
	Hot Water Piping
	Piping Issues
FAIR	Piping Insulation
	Ductwork Condition
	Boiler Condition

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

Refrigerant Type: N/A

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: N/A

Manufacturer: MCQUAY

General Comments:

UNITS OPERABLE. HAVE DRAIN ISSUES AT THIS SCHOOL DUE TO THE UNITS DRAINS ARE PIPED TOGETHER AND FAN COILS AT DIFFERENT HEIGHTS.

System Description/Summary

(23) MCQUAY FAN COILS.

Status and Function of Controls

DDC CONTROLS, OPERABLE

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LASALLE ELEM

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
YES	Electric
	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:
FAIR	General System Condition Campus Wide
6	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

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 13

Manufacturer: GOODMAN

General Comments:

UNITS OPERABLE. CMC REPLACED PACKAGE ROOFTOP UNIT.

System Description/Summary

(1) PACKAGE UNIT.

Status and Function of Controls

DDC CONTROLS, OPERABLE

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LASALLE ELEM

Building Letter/Number: F,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
YES	Electric
	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:
FAIR	General System Condition Campus Wide
12	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

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

Refrigerant Type: R410

Energy STAR Rating:

ASHRAE Life Expectance: 15

SEER/EER Rating: 11

Manufacturer: YORK/JCI

General Comments:

UNITS OPERABLE. CMC REPLACED YORK KITCHEN CONDENSER WITH TRANE CONDENSERS DUE TO MICRO CHANNEL COILS LEAKING.

System Description/Summary

(4) SPLIT SYSTEMS.

Status and Function of Controls

DDC CONTROLS, OPERABLE

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: LASALLE ELEM

Building Letter/Number: J

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
	Gas
	RTU Unit
	Heat Type:
	Hot Water
	Electric
	FAN Coil
	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
19 - CHILLER 20 - BOILER	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

HVAC Assessments - DISTRICT 9

LaSalle Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 20

SEER/EER Rating: 9

Manufacturer: TRANE

General Comments:

UNITS OPERABLE.

System Description/Summary

(1) TRANE AIR COOLED CHILLER WITH REMOTE CONDENSER, (1) WATER TUBE BOILER.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Parkview Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARKVIEW 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

HVAC Assessments - DISTRICT 9

Parkview Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance 15 YRS.

SEER/EER Rating 9

Manufacturer SEASON-4,

General Comments:

UNIT'S IN OPERABLE CONDITION. HAVE REPLACED MANY COMPRESSORS DURING 2018-2019 SCHOOL YEAR ON MULTIPLE UNITS. DRAIN LINES ARE ORIGINAL, THE HAVE CRACKED, BROKEN OVER TIME AND DO NOT RUN TO

System Description/Summary

(5) SEASON-4 DX MULTI-ZONE ROOFTOP DX PACKAGE UNITS, (1) YORK ROOFTOP DX PACKAGE UNIT.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Parkview Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARKVIEW 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
22	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

HVAC Assessments - DISTRICT 9

Parkview Elementary School

Refrigerant Type: R22

Energy STAR Rating:

ASHRAE Life Expectance: 15 YRS.

SEER/EER Rating: 8

Manufacturer: YORK

General Comments:

UNIT'S IN OPERABLE CONDITION. REPLACE ALL HEAT EXCHANGERS ON YORKS.

System Description/Summary

(4) YORK ROOFTOP DX PACKAGE UNIT.

Status and Function of Controls

DDC CONTROLS, OPERABLE.

HVAC Assessments - DISTRICT 9

Parkview Elementary School

EBRPSS HVAC Equipment System Assessment

School Name: PARKVIEW ELEM

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
	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

HVAC Assessments - DISTRICT 9

Parkview 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. REPAIRED REFRIGERANT LEAKS ON COILS.

System Description/Summary

(1) JCI ROOFTOP DX PACKAGE UNIT WITH ELECTRIC REHEAT VAV'S.

Status and Function of Controls

DDC CONTROLS, BACKNET CARD FOR CONTROLS HAS NEVER BEEN ABLE TO COMMUNICATE WITH BLDG. CONTROLS. ARAMARK CONTROLS UNIT BY VAV'S.

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH

Building Letter/Number: A

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:		
	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		YES
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		POOR
	Piping Issues		FAIR
	Hot Water Piping		FAIR
	Piping Issues		FAIR
	Piping Insulation		FAIR
	Ductwork Condition		POOR
	Boiler Condition		FAIR

Refrigerant Type: R-22

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: TRANE, YORK

General Comments:

MAIN BUILDING, BOILER AND CHILLER IN A BUILDING
CONDENSER WATER PIPING LEAKS UNDER SLAB
FLEX DUCT WAS IMPROPERLY INSTALLED WHEN CLASSROOM MIXING BOXES WERE CONVERTED TO DUAL VAV'S

System Description/Summary:

WATER COOLED SCREW CHILLERS 4-PIPE SYSTEM
PNEUMATIC CONTROLS IN CLASSROOMS AND AT AHUS
AHUS ARE HOT DECK COLD DECK UNITS CONVERTED TO VARIABLE SPEED BLOWERS
PNEUMATIC DUAL VAVS FOR THE CLASSROOMS
MIXING BOXES FOR LIBRARY AND MAIN OFFICE
ROOFTOP DX PACKAGE UNITS FOR OFFICE AND TEACHERS LOUNGE

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH

Building Letter/Number: B

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		N/A
	Piping Issues		N/A
	Hot Water Piping		FAIR
	Piping Issues		FAIR
	Piping Insulation		FAIR
	Ductwork Condition		POOR
	Boiler Condition		FAIR

Refrigerant Type: _____

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

DINING AREA

System Description/Summary:

4 -PIPE AHU FOR DINING AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH
Building Letter/Number: C

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:		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		FAIR
	Boiler Condition		N/A

Refrigerant Type: R-410A

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____ CARRIER _____

General Comments:

ROTC

System Description/Summary:

ROOFTOP PACKAGE UNIT FOR ROTC AREA

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH
Building Letter/Number: D

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		N/A
	Piping Issues		N/A
	Hot Water Piping		FAIR
	Piping Issues		FAIR
	Piping Insulation		FAIR
	Ductwork Condition		FAIR
	Boiler Condition		FAIR

Refrigerant Type: _____

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

GYM

System Description/Summary:

4 -PIPE AHUS FOR GYM AND LOCKER ROOMS

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH
 Building Letter/Number: E,H --- 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: _____

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____

ASHRAE Life Expectance: _____

SEER/EER: _____

Manufacturer: _____

General Comments:

System Description/Summary:

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH

Building Letter/Number: F

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:		
	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

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____
ASHRAE Life Expectance: _____
SEER/EER: _____
Manufacturer: _____ HEIL _____

General Comments: _____
WEIGHT ROOM

System Description/Summary: _____
SINGLE ZONE DX SPLIT SYSTEM FOR WEIGHT ROOM

Status and Function of Controls: _____

HVAC Assessments - DISTRICT 9

Tara High School

EBRPSS HVAC Equipment System Assessment

School Name: TARA HIGH
Building Letter/Number: G

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:		
	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

HVAC Assessments - DISTRICT 9

Tara High School

Energy STAR Rating: _____
ASHRAE Life Expectance: _____
SEER/EER: _____
Manufacturer: _____ GOODMAN _____

General Comments: _____
BASEBALL LOCKERS

System Description/Summary: _____
SINGLE ZONE DX SPLIT SYSTEM FOR BASEBALL LOCKERROOM BUILDING

Status and Function of Controls: _____

HVAC Assessments - DISTRICT 9

Westminster Elementary

EBRPSS HVAC Equipment System Assessment

School Name: WESTMINISTER ELEMENTARY

Building Letter/Number: A

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		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:		
	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
	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:

HVAC Assessments - DISTRICT 9

Westminster Elementary

SEER/EER: _____
Manufacturer: _____ TRANE

General Comments:

PNEUMATIC ZONE CONTROLS

System Description/Summary:

PNEUMATIC MULTIZONE AHUS DX SPLIT SYSTEMS WITH CONDENSERS ON THE ROOF
HOT WATER HEATING FOR A -BUILDING
BOILER ON THE ROOF

Status and Function of Controls:

HVAC Assessments - DISTRICT 9

Westminster Elementary

EBRPSS HVAC Equipment System Assessment

School Name: WESTMINISTER ELEMENTARY

Building Letter/Number: B

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:		NO
	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:		2002
	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:

HVAC Assessments - DISTRICT 9

Westminster Elementary

SEER/EER: _____
Manufacturer: _____ TRANE _____

General Comments:

System Description/Summary:

ROOFTOP SINGLE ZONE PACKAGE UNITS WITH GAS HEAT
ONE UNIT PER CLASSROOM

Status and Function of Controls: