CCSD93 Facility Environmental Initiatives

Year	Project	Description	Environmental Benefit
2012	Parking Lot Replacement - Western	Replaced asphalt parking lot with	Provides water retention, promotes the natural water
	Trails Elementary School	permeable pavers.	cycle and help remove pollutants from water.
2012	Boiler Replacement at Elsie Johnson	Replaced existing boilers with	Increases the efficiency of heating the building thereby
2012	Elementary School	condensing boilers	reducing utility cost and usage.
2012		Constructed LEED certified building with	LEED certified building and Geothermal heating and
2012	Early Childhood Center Construction	a Geothermal heating/cooling system	cooling system will reduce utility cost and usage.
Year	Project	Description	Environmental Benefit
2013	Parking Lot Replacement - Carol	Replaced asphalt parking lot with	Provides water retention, promotes the natural water
2013	Stream Elementary School	permeable pavers.	cycle and help remove pollutants from water.
2013	Boiler Replacement at Western Trails	Replaced existing boilers with	Increases the efficiency of heating the building thereby
2013	Elementary School	condensing boilers	reducing utility cost and usage.
2013	Cooling Tower Installation at Stratford	Installed a cooling tower and modular	Increases efficiency of the cooling the building thereby
2013	Middle School	chiller system.	reducing utility cost and usage.
Year	Project	•	Environmental Benefit
2014	Roof Top Unit (RTU) Replacement at	Replaced 5 RTU's with energy efficient	Increases efficiency of heating and cooling the building
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2014	Jay Stream Middle School	units	thereby reducing utility cost and usage.
2014	Jay Stream Middle School	units	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating
2014	Boiler Replacement at Elsie Johnson Elementary School Constructed LEED certified building with a Geothermal heating/cooling system Project Parking Lot Replacement - Carol Stream Elementary School Boiler Replacement at Western Trails Elementary School Cooling Tower Installation at Stratford Middle School Project Description Replaced asphalt parking lot with permeable pavers. Condensing boilers Replaced existing boilers with condensing boilers Replaced existing boilers Replaced existing boilers with condensing boilers Replaced existing boilers Replaced existing boilers Replaced existing boilers with condensing boilers Replaced existing boil	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating	
	Jay Stream Middle School Boiler Control Replacement at Jay	units Retrofitted existing burners and controls	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage.
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2014	Jay Stream Middle School Boiler Control Replacement at Jay Stream Middle School	Retrofitted existing burners and controls on two boilers and repiped.	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage. Increases the ability to more accurately monitor and maintain appropriate temperatures in the building.
	Jay Stream Middle School Boiler Control Replacement at Jay Stream Middle School Building Control System Replacement	Retrofitted existing burners and controls on two boilers and repiped. Replace existing pneumatic control	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage. Increases the ability to more accurately monitor and maintain appropriate temperatures in the building. This results in a more efficient system thereby
2014	Jay Stream Middle School Boiler Control Replacement at Jay Stream Middle School Building Control System Replacement at Jay Stream Middle School	Retrofitted existing burners and controls on two boilers and repiped. Replace existing pneumatic control system with a DDC BAS system.	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage. Increases the ability to more accurately monitor and maintain appropriate temperatures in the building. This results in a more efficient system thereby reducing utility usage and cost.
2014	Jay Stream Middle School Boiler Control Replacement at Jay Stream Middle School Building Control System Replacement at Jay Stream Middle School Parking Lot Replacement - Roy	Retrofitted existing burners and controls on two boilers and repiped. Replace existing pneumatic control system with a DDC BAS system. Replaced asphalt parking lot with	thereby reducing utility cost and usage. Increases the efficiency and effectiveness of heating during mild tempered days thereby reducing utilize cost and usage. Increases the ability to more accurately monitor and maintain appropriate temperatures in the building. This results in a more efficient system thereby reducing utility usage and cost. Provides water retention, promotes the natural water
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Year	Project	Description	Environmental Benefit
2015	Window Replacement at Carol Stream	Replace all exterior windows at the	Increased efficiency of windows thereby reducing
2013	Elementary School	school.	utility cost and usage.
2015	Exterior Lighting Replacement at Carol	Replaced all exterior building and	
2013	Stream Elementary School	parking lot lights with LED type.	Reduces utility cost and usage.
2015	Exterior Lighting Replacement at Roy	Replaced all exterior building and	
2013	DeShane Elementary School	parking lot lights with LED type.	Reduces utility cost and usage.
2015	Exterior Lighting Replacement at	Replaced all exterior building and	
2013	Western Trails Elementary School	parking lot lights with LED type.	Reduces utility cost and usage.
2015	Boiler Replacement at Roy DeShane	Replaced existing boilers with	Increases the efficiency of heating the building thereby
2013	Elementary School	condensing boilers	reducing utility cost and usage.
			Installed a no-finish, low maintenance product that
2015	Hallway Floor Replacement at Elsie		minimizes the need for chemicals to maintain the
	Johnson Elementary School	Replaced hallway flooring at the school	floor.
Year	Project	Description	Environmental Benefit
2016	Parking Lot Replacement at Jay	Replaced asphalt parking lot with	Provides water retention, promotes the natural water
2010	Stream Middle School	permeable pavers.	cycle and help remove pollutants from water.
			Installed a no-finish, low maintenance product that
2016	Hallway Floor Replacement at Roy		minimizes the need for chemicals to maintain the
	DeShane Elementary School	Replaced hallway flooring at the school	floor.