



**Environmental
Works, Inc.**

**Lead in Drinking Water
Sampling and Testing Plan**

Prepared For:

Carl Junction School R-1 District
206 S Roney Street
Carl Junction, Jasper County, Missouri 64834

Prepared By:

Environmental Works, Inc.
1455 E Chestnut Expressway
Springfield, Missouri 65802

Plan Prepared:

September 2023

Table of Contents

1.0 Purpose.....1
 1.1 Regulatory Schedule Requirements (RSMo 160.077(4))..... 1

2.0 School District Description and Contact Information.....2
 2.1 School District Information 2
 2.2 Buildings 2

3.0 Inventory3
 3.2 Outlet Identification and Prioritization 3

4.0 Sampling and Testing.....4
 4.1 Initial Sampling and Testing..... 4
 4.2 Subsequent Sampling and Testing 4

APPENDIX A – Building Diagrams..... A

APPENDIX B – Building Summary..... B

APPENDIX C – Outlet Inventory C

1.0 Purpose

Environmental Works, Inc. (EWI), on behalf of the Carl Junction R-1 School District (Carl Junction), has prepared this Lead in Drinking Water Sampling and Testing (LDWST) Plan in response to the Missouri Revised Statutes of Missouri (RSMo) Chapter 160 Section 077 (160.077). This LDWST Plan includes procedures for inventorying and sampling outlets used for drinking water and water dispensed for cooking and cleaning of eating and cooking utensils in the Carl Junction R-1 school buildings.

This Plan has been prepared to meet the requirements of the RSMo 160.077, the Environmental Protection Agencies (EPA) 3T's for Reducing Lead in Drinking Water and the EPA Safe Drinking Water Act (SDWA). The Carl Junction School District has distributed this LDWST Plan to the public through the District website (www.cjr1.org). General information on the health effects of lead contamination and additional informational resources for employees and parents of children at each school will be provided upon request.

1.1 Regulatory Schedule Requirements (RSMo 160.077(4))

In accordance with RSMo 160.077, on or before January 1, 2024, each school will:

- Conduct an inventory of all drinking water outlets and all outlets that are used for dispensing water for consumption, cooking and cleaning of cooking and eating utensils;
- Develop a Plan for testing each outlet inventoried;
- Provide the Plan to the public; and
- Upon request, provide general information on the health effects of lead contamination and additional informational resources for employees and parents of children at each school.

Before August 1, 2024, or on the first day students will be present in the building, whichever is later, each school will:

- Complete sampling in accordance with RSMo 160.077
- Make all testing results and any lead remediation plans available on the school's website within two weeks of receiving final analytical test results;
- Remove and replace any drinking water coolers or drinking water outlets that the EPA has determined are not lead-free under the federal Lead Contamination Control Act of 1988.

2.0 School District Description and Contact Information

2.1 School District Information

School District: Carl Junction R-1 Schools

School Type: Public

Address: 206 South Roney
 Carl Junction, Jasper County, Missouri 64834

Phone: (417) 649-7034 (O) and (417) 649-6566 (F)

Email: dwilkins@cjr1.org

District Contact: David Pyle, Ed.D.
 Assistant Superintendent for Operations
 Office: (417) 649-7026, Fax: (417)649-6594
 dpyle@cjr1.org

2.2 Buildings

The following table summarizes the schools covered in this LDWST Plan.

Schools	Level	Grade	Address
Carl Junction Primary K-1	Early Childhood and Elementary	Pre-K - 1st	206 S Roney Carl Junction, MO 64834-9402
Carl Junction Primary 2 nd & 3 rd	Elementary	2nd-3rd	206 S Roney Carl Junction, MO 64834-9402
Carl Junction Intermediate	Intermediate	4th – 6th	401 West Wells Street Carl Junction, MO 64834-9402
Clem Prettyman Satellite School	Primary	4th – 12th	1999 Snowberry Lane Joplin, Missouri 64834
Carl Junction Junior High	Junior High	7th – 8th	306 Keeney Drive Carl Junction, MO 64834-9402
Carl Junction High School	High School	9th-12th	806 Walnut Street Carl Junction, MO 64834-9402
Carl Junction ISC/CJU	Varies	Varies	206 S Roney Carl Junction, MO 64834-9402

3.0 Inventory

Carl Junction completed a building and outlet questionnaire and EWI completed a site visit to gather information such as:

- Date of building construction.
- Year and location of plumbing repairs
- Location of where water enters the building and flow.
- Identification of any known lead lines or plumbing components.
- Location of water pipes and piping material.
- Location of any tanks in the plumbing system.
- Identification of all faucets and fixtures used for drinking water and cooking.
- Identification of filters, aerators, signs of corrosion or banned water cooler tanks.

3.2 Outlet Identification and Prioritization

Drinking water and cooking outlets were identified from the questionnaire and site-visit in accordance with the Missouri RMOs 160.077.2 drinking water outlet definition, which includes, but may not be limited to:

- a) A water fountain, faucet, or tap that is used or potentially used for drinking or food preparation;
and
- b) Ice-making and hot drink machines.

Building diagrams are attached in **Appendix A**, detailed information on each building can be found in **Appendix B** and the outlets identified in the inventory is outlined in **Appendix C**.

4.0 Sampling and Testing

4.1 Initial Sampling and Testing

The outlet inventory and prioritization schedule included in this plan will be used to conduct sampling for the Carl Junction Primary 2nd and 3rd building. Samples will be collected using proper sampling procedures. The sampler will utilize laboratory prepared 250-milliliter (mL) unpreserved plastic containers to collect outlet water for analysis of lead by Method 200.8. Samples will be labeled, managed under a Chain of Custody, and sent to a certified laboratory for analysis. EWI personnel will collect samples from each identified outlet based on the following criteria:

First Draw Sampling

First draw samples will be immediately collected from the outlet from the first water after the outlet is turned on. Samples will be collected after a stagnation period of at least 8 hours but no greater than 18 hours.

Flush Sampling

Follow-up flush samples will be collected from at least 25% of inventoried drinking water outlets.

All results will be summarized in a final report, submitted to the Missouri Department of Health and Senior Services, and published on the school district website.

4.2 Subsequent Sampling and Testing

If initial testing finds lead above 5 ppb, the school district will implement remedial measures then test and sample 25% of remediated drinking water outlets by first draw and follow-up flush sampling annually.

If initial testing does not find a drinking water source with a lead concentration above 5 ppb, the school district will complete testing and sampling every five years.

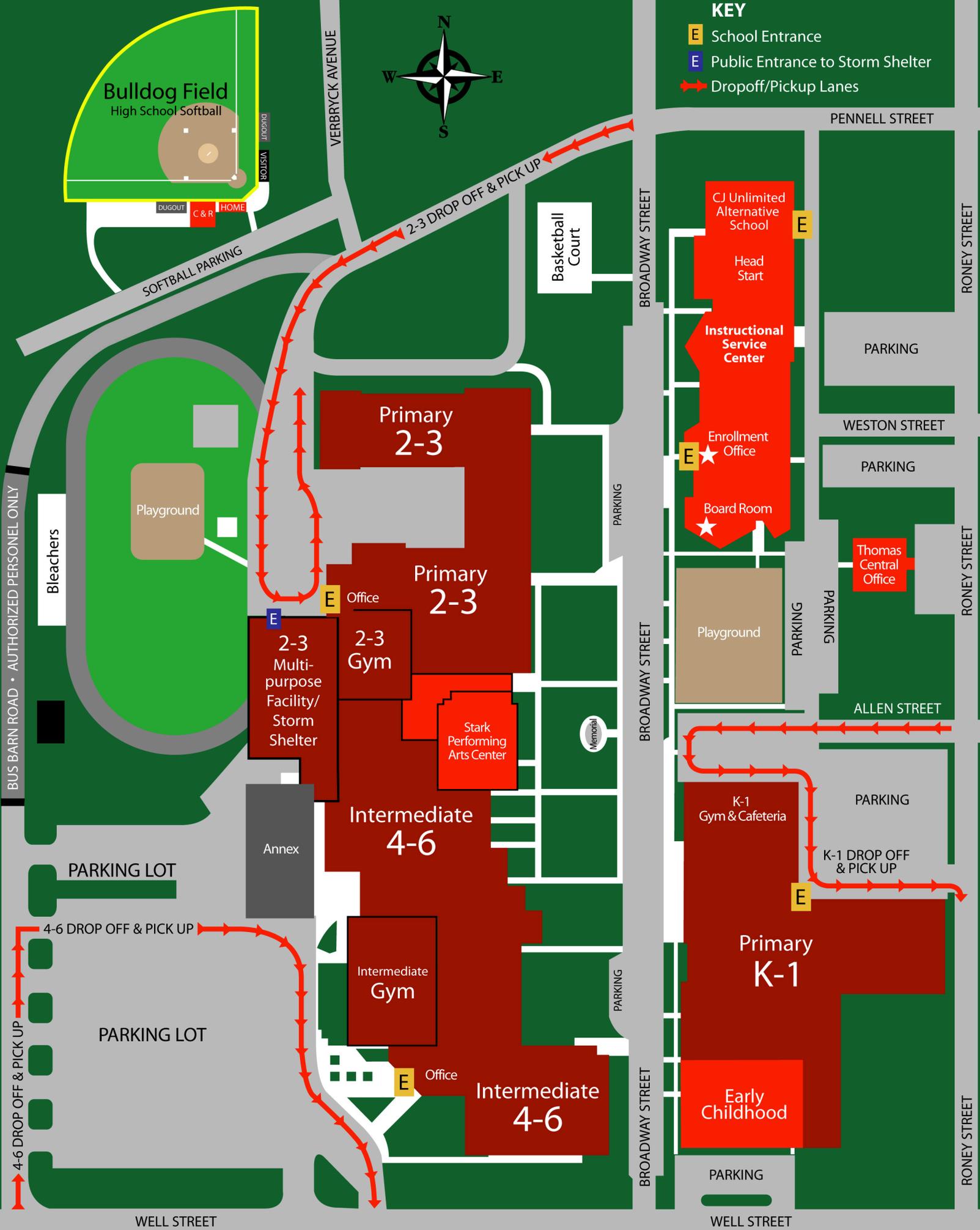
APPENDIX A – Building Diagrams

KEY

- School Entrance
- Public Entrance to Storm Shelter
- Dropoff/Pickup Lanes



Bulldog Field
High School Softball



BUS BARN ROAD • AUTHORIZED PERSONNEL ONLY

WALNUT STREET • STATE HIGHWAY Z

WALNUT STREET • STATE HIGHWAY Z

TO DOWNTOWN >>>

SCHOOL DRIVEWAY

PARKING LOT

PARKING LOT

KEENEY DRIVE (ONE WAY) >>>>>>

ELLIOTT DRIVE

LEONARD STREET

VERBRICK AVENUE

Residential

Residential

Residential

Office
Carl Junction High School

Commons Area & Cafeteria

H.S. Gym

Office
Carl Junction Junior High School

J.H. Gym

Storm Shelter

PARKING LOT

WISE STREET

PARKING

WISE STREET

STUDENT / GAME PARKING LOT

CONCESSIONS & RESTROOMS

PARKING

HOME

DUGOUT

Practice Field

Carl Junction High School
Bulldog Stadium

Football • Soccer
Track & Field

HOME

BULLDOGS



VISITOR

BULLDOGS

Practice Field

Carl Junction High School
Bulldog Fields

Baseball (above)
Softball (right)

VERBRICK AVENUE

VERBRICK AVENUE



KEY

E School Entrance

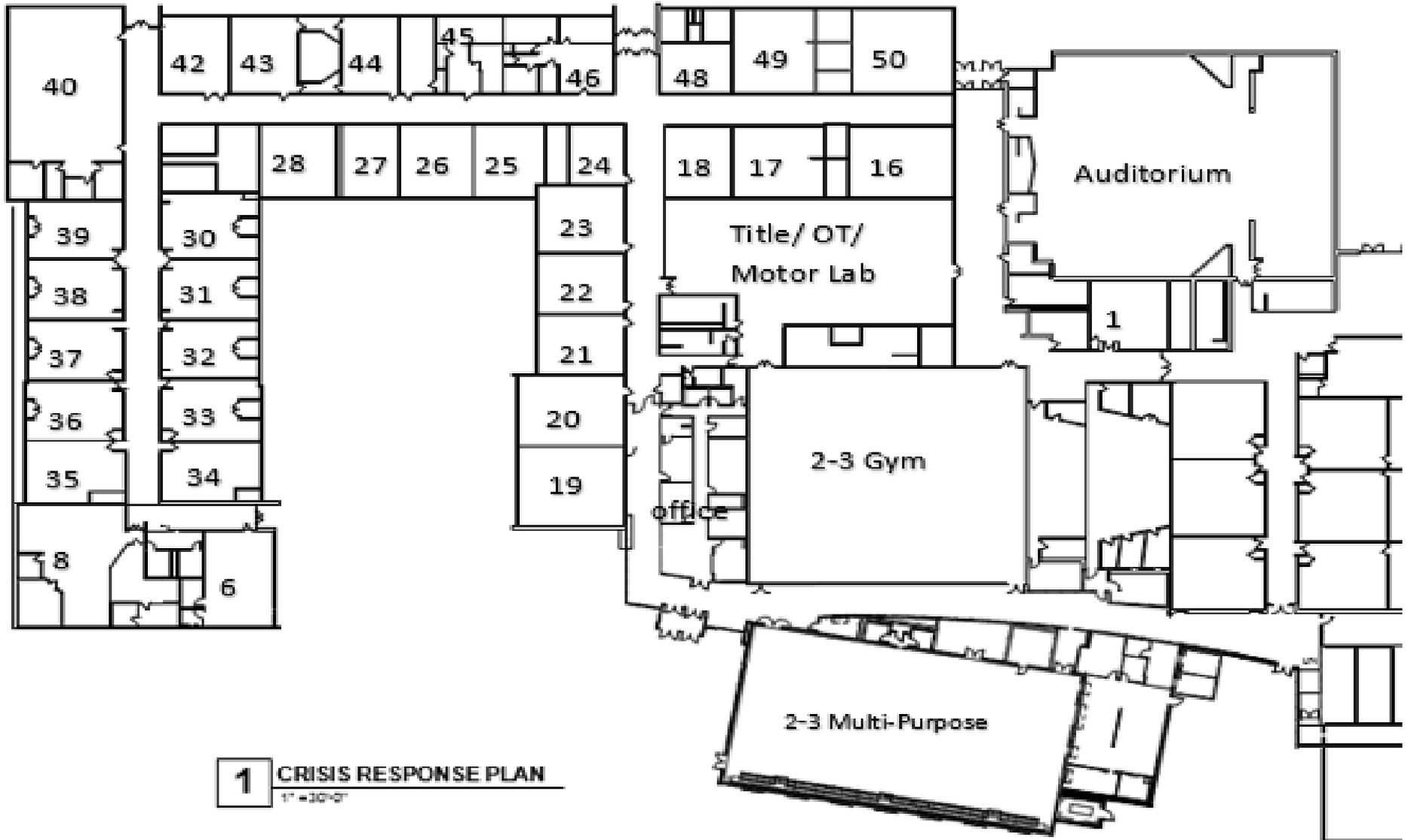
E Public Entrance to Storm Shelter

Carl Junction, MO
Primary K-1



Carl Junction, MO

2nd - 3rd Grade Building

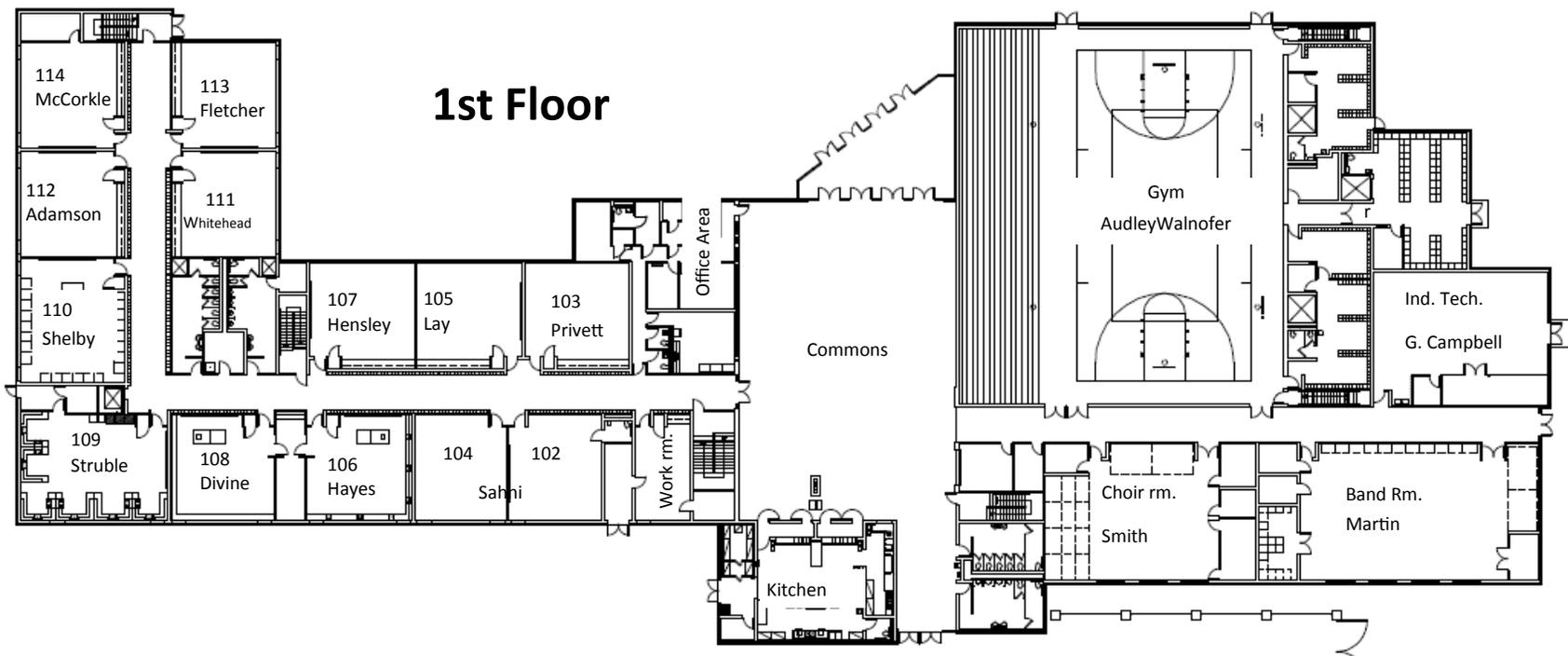
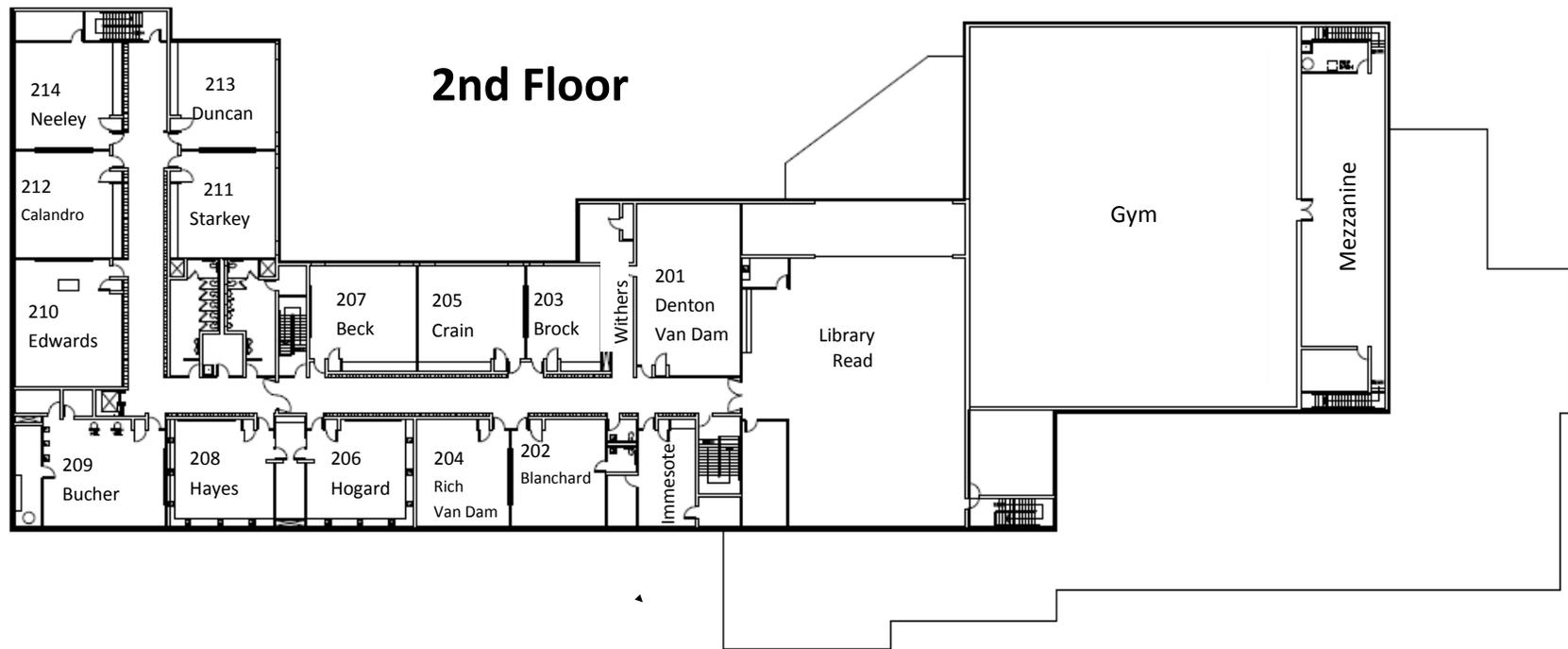


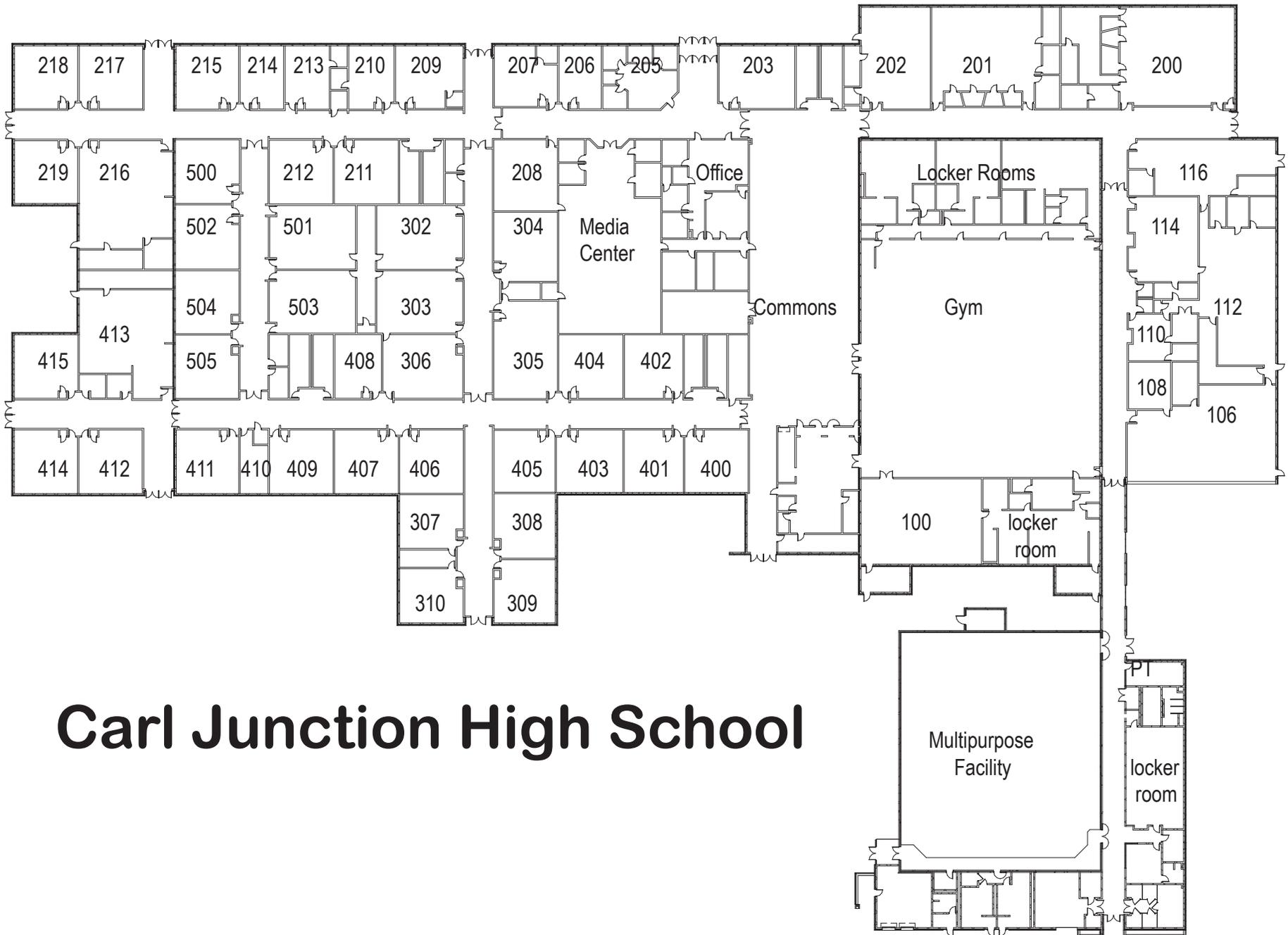
1 CRISIS RESPONSE PLAN
1" = 30'-0"

INTERMEDIATE BUILDING



CARL JUNCTION JUNIOR HIGH 2019-20





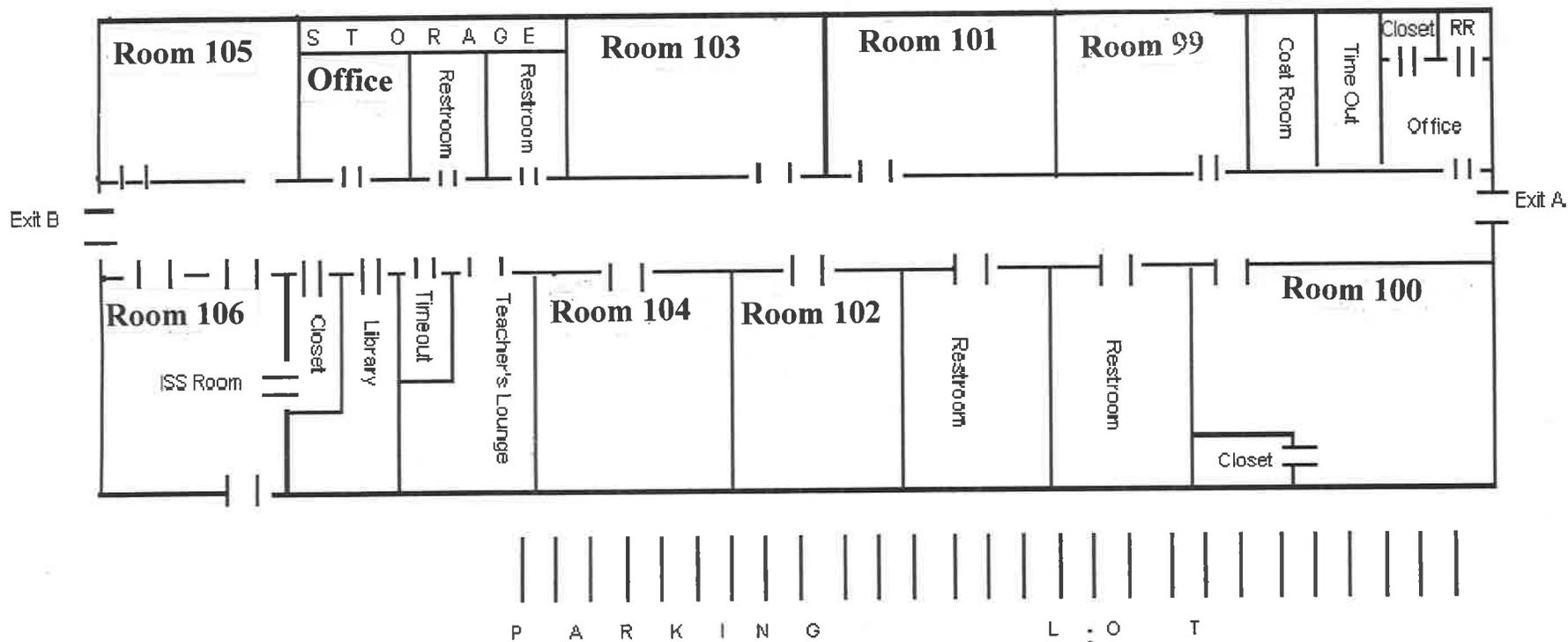
Carl Junction High School

ISC Building



Carl Junction's Clem Prettyman Satellite School

1999 Snowberry Ln, Joplin, MO 64803



APPENDIX B – Building Summary

Carl Junction R-1 District

Building Location	Outlet Count	Any Building Maps/Drawings?		Original Construction Date?	Any Building Additions?			Any Plumbing Repairs?		Where Does Water Enter the Building?	Any Tanks in the Plumbing System?			Location of Water Piping	Piping Material? (List all, if multiple)	Any Electrical Equipment Grounded to Piping?	
		Yes/No	Electronic/Hard Copy?		Yes/No	Year of Addition	What Was Added?	Yes/No	Year of Repair		Yes/No	Tank Types	Location				
PK-1	31	Yes	Electronic/Hard Copy	1972	Yes	1988	Classrooms	No		North Side	Yes	Water Heaters,Boilers	Mech. Rooms	hand draw on map	Copper, PVC,	No	
					Yes	1994	Classrooms										Galvanized
					Yes	2016	Classrooms/Storm shelter										
2-3	30	Yes	Electronic/Hard Copy	1960	Yes	1960	Classrooms	No		East Side	Yes	Water Heaters, Boilers	Mech. Rooms	hand draw on map	Copper, PVC, PEX	No	
					Yes	1968	Classrooms										Galvanized
					Yes	1972	Classrooms										
					Yes	1988	Classrooms										
					Yes	1994	Classrooms										
					Yes	2016	Saferoom/Cafeteria										
Intermediate	34	Yes	Electronic/Hard Copy	1982	Yes	2004	Annex	Yes	2022	East Side	Yes	Water Heathers, Boilers	Mech. Rooms	hand draw on map	Copper, PVC, PEX,	No	
					Yes	1982	Classrooms/Gym										Galvanized
					Yes	1994	Classrooms/Cafeteria										
					Yes	1998	Auditorium										
					Yes	2004	Classrooms										
Junior High	23	Yes	Electronic/Hard Copy	2008	No	N/A	N/A	No		North Side	Yes	Boilers	Mech. Rooms	hand draw on map	Copper,PVC,Galvanized	No	
High School/Football Stadium	44	Yes	Electronic/Hard Copy	2000	Yes	2008	Classrooms	No		East Side	Yes	Boilers	Mech. Rooms	hand draw on map	Copper, PVC, PEX		
					Yes	2016	Multi-purpose/Locker room										Galvanized
ISC/CJU	14	Yes	Electronic/Hard Copy	1954	Yes	1960	Classrooms/Office space/Bathroom	Yes	2022	West Side	Yes	Water Heaters	Mech. Rooms	hand draw on map	Copper, PVC, PEX	No	
					Yes	1968	Classrooms										Galvanized
					Yes	1988	Office space/Classroom/Bathroom										
					Yes	1994	Classrooms										
Baseball/Softball	2	Yes	Electronic/Hard Copy		No	N/A	N/A	No		North Side/East Side	Yes	Water Heater	NA/Storage Rm	hand draw on map	PVC, PEX, Galvanized	No	
Satellite School	5	Yes	Electronic/Hard Copy	1994	Yes	2001	Classrooms/Resource room/Office/Library	Yes		West side, Middle of building	Yes	Water Heaters	Mech. Rooms	hand draw on map	PVC, Copper	No	
					Yes	2007	Classrooms/Bathrooms/Front office										
*Bus Barn	2	Yes	Electronic/Hard Copy		No	N/A	N/A	No		South Side	Yes	Water Heater	Storage	hand draw on map	PVC,PEX,Galvanized	No	
*Central Office	3	Yes	Electronic/Hard Copy		No	N/A	N/A	No		West Side	Yes	Water Heater	Mech. Room	hand draw on map	PVC, Galvanized	No	
Total Outlets to Sample:	183																

* Not Sampling: No student access

APPENDIX C – Outlet Inventories

Carl Junction: Primary K-1

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-PK1-DF-GYM	1	Water Fountain	Gym	Outside Coach's Office	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	Mineral Stains	No
2-PK1-DF-GYM	2	Ice Machine	Gym	Coach's Office	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	Mineral Stains, Sludge	No
3-PK1-K-HW	3	Faucet	Kitchen	Handwashing	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
4-PK1-K-BATCH	4	Faucet	Kitchen	3 Batch Sink	No	N/A	Yes	Screen	No	No	No	Mineral & Copper Stains	No
5-PK1-K-BATCH	5	Faucet	Kitchen	3 Batch Sink	No	N/A	Yes	Screen	No	No	No	Mineral & Copper Stains	No
6-PK1-K-PREP	6	Faucet	Kitchen	Prep Sink	No	N/A	Yes	Screen	No	No	No	Mineral & Copper Stains	No
7-PK1-K-SPRAY	7	Faucet	Kitchen	Dishwashing Sprayer	No	N/A	Yes	Screen	No	No	No	Mineral & Copper Stains	No
8-PK1-K-KETTLE	8	Faucet	Kitchen	Steam Kettle	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
9-PK1-DF-16	9	Water Fountain	Hallway	Across from Room #16	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
10-PK1-CR-NURSE	10	Faucet	Nurse's Office	Room #10	No	N/A	Yes	Screen	No	No	No	N/A	No
11-PK1-CR-33	11	Faucet	Classroom	Room #33	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
12-PK1-DF-36	12	Water Fountain	Hallway	Across from Room #36	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
13-PK1-DF-36	13	Water Fountain	Hallway	Across from Room #36	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
14-PK1-DF-46	14	Water Fountain	Hallway	Across from Room #46	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
15-PK1-DF-46	15	Water Fountain	Hallway	Across from Room #46	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
16-PK1-CR-42	16	Faucet	Classroom	Room #42	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
17-PK1-CR-43	17	Faucet	Classroom	Room #43	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
18-PK1-CR-44	18	Faucet	Classroom	Room #44	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
19-PK1-CR-45	19	Faucet	Classroom	Room #45	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
20-PK1-CR-55	20	Faucet	Classroom	Room #55	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
21-PK1-DF-FEMA	21	Water Fountain	Across from Workroom	FEMA entrance	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
22-PK1-DF-FEMA	22	Water Fountain	Across from Workroom	FEMA entrance	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
23-PK1-CR-FEMA	23	Faucet	Workroom	FEMA Workroom, south wall	No	N/A	Yes	Screen	No	No	No	N/A	No
24-PK1-CR-59	24	Faucet	Classroom	Room #59	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
25-PK1-CR-60	25	Faucet	Classroom	Room #60	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
26-PK1-CR-61	26	Faucet	Classroom	Room #61	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
27-PK1-CR-62	27	Faucet	Classroom	Room #62	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
28-PK1-CR-63	28	Faucet	Classroom	Room #63	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No
29-PK1-DF-63/64	29	Water Fountain	Hallway	FEMA Hall, between #63 & #64	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
30-PK1-DF-63/64	30	Water Fountain	Hallway	FEMA Hall, between #63 & #64	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
31-PK1-CR-64	31	Faucet	Classroom	Room #64	No	N/A	Yes	Screen	No	No	No	Mineral Stains	No

Carl Junction: Primary 2nd-3rd

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-2/3-IM-CONC	1	Ice Machine	Concession Stand	Multi-Purpose Area	Yes	Cartridge	N/A	N/A	No	No	No	N/A	No
2-2/3-K-CONC	2	Faucet	Concession Stand	Multi-Purpose Area	No	N/A	No	Screen	No	No	No	Mineral Stains	No
3-2/3-K-HWF	3	Faucet	Kitchen	Handwashing- Front	No	N/A	Yes	Screen	No	No	No	N/A	No
4-2/3-K-HWB	4	Faucet	Kitchen	Handwashing- Back	No	N/A	Yes	Screen	No	No	No	N/A	No
5-2/3-K-SPRAY	5	Faucet	Kitchen	Dishwashingn Sprayer	No	N/A	No	N/A	No	No	No	N/A	No
6-2/3-K-BATCH	6	Faucet	Kitchen	3 Batch Sink	No	N/A	No	N/A	No	No	No	N/A	No
7-2/3-K-HW	7	Faucet	Kitchen	Other Handwashing	No	N/A	Yes	Screen	No	No	No	N/A	No
8-2/3-IM-KITCHEN	8	Ice Machine	Kitchen	Ice Machine	Yes	Cartridge	N/A	N/A	No	No	No	N/A	No
9-2/3-DF-MP	9	Fountain	Hallway	Multi-Purpose Area	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
10-2/3-DF-MP	10	Fountain	Hallway	Multi-Purpose Area	No	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
11-2/3-DF-AUD	11	Fountain	Auditorium	Foyer	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
12-2/3-DF-AUD	12	Fountain	Auditorium	Foyer	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
13-2/3-CR-AUD	13	Faucet	Auditorium	Stage Dressing Room	No	N/A	Yes	Screen	No	No	No	N/A	No
14-2/3-CR-MOTOR	14	Fountain	Classroom	Motor Lab	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
15-2/3-CR-MOTOR	15	Fountain	Classroom	Motor Lab	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
16-2/3-CR-MOTOR	16	Faucet	Classroom	Motor Lab	No	N/A	No	N/A	No	No	No	N/A	No
17-2/3-CR_MOTOR	17	Faucet	Classroom	Motor Lab	No	N/A	Yes	N/A	No	No	No	Mineral Stains	No
18-2/3-DF-TITLE	18	Fountain	Hallway	Title hallway-near Motor Lab	No	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
19-2/3-DF-TITLE	19	Fountain	Hallway	Title hallway-near Motor Lab	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
20-2/3-CR-NURSE	20	Faucet	Nurse's Office	Nurse's Office	No	N/A	Yes	Sreen	No	No	No	N/A	No
21-2/3-CR-16	21	Faucet	Classroom	Room #16, Closet area	No	N/A	Yes	Screen	No	No	No	N/A	No
22-2/3-CR-50	22	Faucet	Classroom	Room #50- Art	No	N/A	Yes	Screen	No	No	No	N/A	No
23-2/3-CR-50	23	Faucet	Classroom	Room #50- Art	No	N/A	Yes	Screen	No	No	No	N/A	No
24-2/3-CR-49	24	Faucet	Classroom	Room #49- Closet Area	No	N/A	Yes	Screen	No	No	No	N/A	No
25-2/3-CR-17	25	Faucet	Classroom	Room #49- Closet Area	No	N/A	Yes	Screen	No	No	No	N/A	No
26-2/3-CR-45B	26	Faucet	Classroom	Room #45B: "Resource Room"	No	N/A	No	N/A	No	No	No	N/A	No
27-2/3-DF-27/28	27	Fountain	Hallway	3rd Grade, Between 27 & 28	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
28-2/3-DF-LIB	28	Fountain	Hallway	2nd Grade, Across from Library	No	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No
29-2/3-DF-8/9	29	Fountain	Hallway	Between 8 & 9	Yes	Versafilter -033879-001 Carbon block	Yes	N/A	No	No	No	N/A	No
30-2/3-DF-8/9	30	Fountain	Hallway	Between 8 & 9	No	Versafilter -033879-001 Carbon block	No	N/A	No	No	No	N/A	No

Carl Junction: Intermediate

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-INT-CR-13	1	Faucet	Classroom	Room #13	NO	N/A	NO	NO	NO	NO	NO	N/A	NO
2-INT-CR-14	2	Faucet	Classrom	Room #14	NO	N/A	NO	NO	NO	NO	NO	N/A	NO
3-INT-DF-MEDIA	3	Water Fountain PGF8AC-D304	Hallway	Media Center Hall	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
4-INT-CR-MEDIA	4	Faucet	Classroom	Media Center Hall	NO	N/A	NO	NO	NO	NO	NO	N/A	NO
5-INT-DF-10	5	Water Fountain PGF8AC-300	Hallway	White Hall, Across from Room 10	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
6-INT-DF-10	6	Water Fountain PGF8AC-300	Hallway	White Hall, Across from Room 10	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
7-INT-K-CONC	7	Faucet	Concession Stand	Lobby Area	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
8-INT-IM-CONC	8	Ice Machine	Concession Stand	Lobby Area	Yes	In-line	NO	N/A	NO	No	NO	N/A	NO
9-INT-DF-FOYER	9	Water Fountain PGF8AC-300	Foyer	Main Office Foyer, East of Gym	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
10-INT-DF-FOYER	10	Water Fountain EZS8WS 1F	Foyer	Main Office Foyer, East of Gym	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
11-INT-DF-GYM	11	Water Fountain PGF8AC-300	Gym	NE Corner of Gym	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
12-INTDF-GYM-	12	Water Fountain PGF8AC-300	Gym	NW Corner of Gym	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
13-INT-DF-ADAPT	13	Water Fountain PGF8AC-300	Classroom	Adaptive PE Room, East Wall	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
14-INT-DF-WELLNESS	14	Water Fountain PGF8AC-300	Classroom	Wellness Center, East Wall	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
15-INT-CR-19	15	Faucet	Classroom	Room #19	NO	N/A	Yes	Screen	NO	NO	NO	N/A	No
16-INT-CR-21	16	Faucet	Classroom	Room #21	NO	N/A	Yes	Screen	NO	NO	NO	N/A	No
17-INT-DF-22	17	Water Fountain PGF8AC-300	Hallway	Music Hall, Across from Room 22	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
18-INT-DF-22	18	Water Fountain PGF8AC-300	Hallway	Music Hall, Across from Room 22	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
19-INT-DF-CAF	19	Water Fountain PGF8AC-300	Cafeteria	Cafeteria North Wall	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
20-INT-K-SPRAY	20	Faucet	Kitchen	Dishwashing Sprayer	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
21-INT-K-BATCH	21	Faucet	Kitchen	3 Batch Sink	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO

22-INT-K-HW	22	Faucet	Kitchen	Handwashing	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
23-INT-DF-25	23	Water Fountain PGF8AC-300	Hallway	5th Grade hall, South of Room 25	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
24-INT-DF-25	24	Water Fountain PGF8AC-300	Hallway	5th Grade hall, South of Room 25	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
25-INT-CR-26	25	Faucet	Classroom	Room #26	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
26-INT-CR-27	26	Faucet	Classroom	Room #27	NO	N/A	Yes	Screen	NO	NO	NO	N/A	
27-INT-CR-28	27	Faucet	Classroom	Room #28	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
28-INT-CR-83	28	Faucet	Classroom	Room #83	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
29-INT-DF-AUD	29	Water Fountain PGF8AC-D304	Auditorium	South Wall of Hallway	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
30-INT-DF-AUD	30	Water Fountain PGF8AC-300	Auditorium	South Wall of Hallway	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
31-INT-DF-ANNEX	31	Water Fountain PGF8AC-300	Halleay	Annex	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	NO	NO	NO	N/A	NO
32-INT-CR-A3	32	Faucet	Classroom	Room #A3 (Mr. Bennett)	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
33-INT-CR-A1	33	Faucet	Classroom	Room #A1 (Art Room)	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO
34-INT-CR-A5	34	Faucet	Classroom	Room #A5 (restroom sink)	NO	N/A	Yes	Screen	NO	NO	NO	N/A	NO

Carl Junction: Junior High

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Discolored Water?	Stained Dishes?	Other?	
1-JH-DF-COMM	1	Water Fountain	Commons	Near boy's bathroom	No	No	No	NA	No	No	No	Mineral stains	No
2-JH-DF-COMM	2	Water Fountain	Commons	Near girl's bathroom	Yes	Cartridge	No	NA	No	No	No	Mineral stains	No
3-JH-K-CONC	3	Faucet	Concession stand	Commons Area	No	No	No	NA	No	No	No	Mineral stains	No
4-JH-IM-CONC	4	Ice Machine	Concession stand	Commons Area	Yes	Sterling Water Filter	No	NA	No	No	No	No	No
5-JH-CR-CUST	5	Faucet	Custodial Closet	Near Concession Stand	No	No	No	NA	No	No	No	Mineral stains	No
6-JH-K-HW	6	Faucet	Kitchen	Handwashing	No	No	No	NA	No	No	No	Mineral stains	No
7-JH-K-PREP	7	Faucet	Kitchen	Prep Station Sink	No	No	No	NA	No	No	No	Mineral stains	No
8-JH-K-SPRAY	8	Faucet	Kitchen	Dishwashing Sprayer	No	No	No	NA	No	No	No	No	No
9-JH-K-BATCH	9	Faucet	Kitchen	3 Batch Sink	No	No	Yes	Screen	No	No	No	Mineral stains	No
10-JH-K-BATCH	10	Faucet	Kitchen	3 Batch Sink	No	No	Yes	Screen	No	No	No	No	No
11-JH-K-KETTLE	11	Faucet	Kitchen	Kettle Faucet	No	No	No	NA	No	No	No	No	No
12-JH-CR-NURSE	12	Faucet	JH Nurse	Nurse's Room	No	No	Yes	Screen	No	No	No	Mineral stains	No
13-JH-CR-102	13	Faucet	Classroom	Room #102	No	No	Yes	Screen	No	No	No	No	No
14-JH-DF-7HALL	14	Water Fountain	Hallway	7th Grade Hall, Near boy's bathroom	Yes	Cartridge	No	NA	No	No	No	Mineral stains	No
15-JH-DF-7HALL	15	Water Fountain	Hallway	7th Grade Hall, Near girl's bathroom	Yes	Cartridge	No	NA	No	No	No	Mineral stains	No
16-JH-CR-109-1	16	Faucet	Classroom	FACS- Room #109, Station 1	No	No	Yes	Screen	No	No	No	Mineral stains	No
17-JH-CR-109-2	17	Faucet	Classroom	FACS- Room #109, Station 2	No	No	Yes	Screen	No	No	No	Mineral stains	No
18-JH-CR-109-3	18	Faucet	Classroom	FACS- Room #109, Station 3	No	No	Yes	Screen	No	No	No	Mineral stains	No
19-JH-CR-109-4	19	Faucet	Classroom	FACS- Room #109, Station 4	No	No	Yes	Screen	No	No	No	Mineral stains	No
20-JH-CR-109-5	20	Faucet	Classroom	FACS- Room #109, Station 5	No	No	Yes	Screen	No	No	No	Mineral stains	No
21-JH-CR-109-6	21	Faucet	Classroom	FACS- Room #109, Station 6	No	No	Yes	Screen	No	No	No	Mineral stains	No
22-JH-DF-8HALL	22	Water Fountain	Hallway	8th Grade Hallway, Near boy's bathroom	Yes	Cartridge	No	NA	No	No	No	Mineral stains	No
23-JH-DF-8HALL	23	Water Fountain	Hallway	8th Grade Hallway, Near girl's bathroom	Yes	Cartridge	No	NA	No	No	No	Mineral stains	No

Carl Junction: High School

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-HS-CR-202	1	Faucet	Classroom	FACS, Room 202	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
2-HS-CR-202	2	Faucet	Classroom	FACS, Room 202	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
3-HS-CR-202	3	Faucet	Classroom	FACS, Room 202	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
4-HS-CR-202	4	Faucet	Classroom	FACS, Room 202	No	N/A	No		No	No	No	Calcium/Lime buildup, Faucett loose	No
5-HS-CR-202	5	Faucet	Classroom	FACS, Room 202	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose, Bucket undersink to catch leak.	No
6-HS-DF-NCOMM	6	Water Fountain PGF8AC-300	Commons Area	North wall, between bathrooms	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
7-HS-DF-NCOMM	7	Water Fountain PGF8AC-300	Commons Area	North wall, between bathrooms	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No	Bottle Filler not working	No
8-HS-DF-WCOMM	8	Water Fountain PGF8AC-300	Commons Area	Wast wall,near custodial room & office	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
9-HS-DF-WCOMM	9	Water Fountain PGF8AC-300	Commons Area	Wast wall,near custodial room & office	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
10-HS-K-HW	10	Faucet	Kitchen	Handwashing	No	N/A	No		No	No	No	Calcium/Lime buildup in Faucett	No
11-HS-K-PREP	11	Faucet	Kitchen	Prep Station Sink	No	N/A	No		No	No	No	Calcium/Lime buildup in Faucett	No
12-HS-K-SPRAY	12	Faucet	Kitchen	Dishwashing sprayer	No	N/A	Yes		No	No	No	Calcium/Lime buildup	No
13-HS-K-BATCH	13	Faucet	Kitchen	3 Batch Sink	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
14-HS-K-BATCH	14	Faucet	Kitchen	3 Batch Sink	No	N/A	No		No	No	No	Calcium/Lime buildup in Faucett	No
15-HS-IM-CONC	15	Ice Machine KM-515MAH	Concession Stand	Commons Area	Yes	Bypass Sterling			No	No	No	Calcium/Lime buildup - Dirty air filters	No
16-HS-K-CONC	16	Faucet	Concession Stand	Commons Area	No	N/A	No		No	No	No	Calcium/Lime buildup, Faucett loose	No
17-HS-DF-400	17	Water Fountain PGF8AC-300	Hallway	East 400 Hallway, Across from Room 400	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
18-HS-DF-400	18	Water Fountain PGF8AC-300	Hallway	East 400 Hallway, Across from Room 400	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
19-HS-DF-409	19	Water Fountain PGF8AC-300	Hallway	West 400 Hallway, Across from Room 409	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
20-HS-DF-409	20	Water Fountain PGF8AC-300	Hallway	West 400 Hallway, Across from Room 409	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No	Bottle filler not working	No
21-HS-CR-219	21	Faucet	Classroom/Workroom	Room 219	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
22-HS-IM-CUST	22	Ice Machine	Custodians Office	Room 217	Yes	3M Cartridge HF25-3	No		No	No	No	Calcium/Lime buildup - Dirty air filters	No
23-HS-EW-501	23	Eyewashing Station	Classroom	Room 501, East Wall	No	N/A	Yes	Screen	No	No	No		No
24-HS-CR-209	24	Faucet	Classroom	Life Skills, Room 209	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup, Faucett loose	No
25-HS-DF-209	25	Water Fountain PGF8AC-D304	Hallway	West 200 Hallway, Across from 209	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No

26-HS-DF-209	26	Water Fountain PGF8AC-300	Hallway	West 200 Hallway, Across from 209	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No	Bottle Filler not working	No
27-HS-DF-116	27	Water Fountain PGF8AC-300	Classroom	Room 116	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
28-HS-DF-110/114	28	Water Fountain PGF8AC-300	Hallway	100 Hallway, Between room 110 & 114	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
29-HS-DF-110/114	29	Water Fountain PGF8AC-300	Hallway	100 Hallway, Between room 110 & 114	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
30-HS-DF-102	30	Water Fountain PGF8AC-300	Lockerroom	Boys Team Lockerroom, 102	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
31-HS-DF-103/1	31	Water Fountain PGF8AC-300	Lockerroom	Girls Team Lockerroom, 103 #1	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
32-HS-DF-103/2	32	Water Fountain PGF8AC-300	Lockerroom	Girls Team Lockerroom, 103 #2	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
33-HS-DF-105/1	33	Water Fountain PGF8AC-300	Lockerroom	Girls PE Lockerroom, 105 #1	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
34-HS-DF-105/2	34	Water Fountain PGF8AC-300	Lockerroom	Girls PE Lockerroom, 105 #2	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
35-HS-DF-107/1	35	Water Fountain PGF8AC-300	Lockerroom	Boys PE Lockerroom, 107 #1	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
36-HS-DF-107/2	36	Water Fountain PGF8AC-300	Lockerroom	Boys PE Lockerroom, 107 #2	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No	Bottle filler not working	No
37-HS-IM-616	37	Ice Machine	Classroom	Trainer's Room, #616	Yes	Pentair Everpure Cartridge # EV-9612-22	No		No	No	No		No
38-HS-CR-616	38	Faucet	Classroom	Trainer's Room, #616	No	N/A	Yes	Screen	No	No	No		No
39-HS-DF-COACH	39	Water Fountain PGF8AC-300	Hallway	Indoor Facility, Across from coach's office	Yes	Versafilter -033879-001 Carbon block	On bottle filler	Screen	No	No	No		No
40-HS-DF-COACH	40	Water Fountain LZSTL8WSLP	Hallway	Indoor Facility, Across from coach's office	Yes	Elkay Watersentry + #51300C or Elkay Watersentry + High Capacity #51600C	On bottle filler	Screen	No	No	No		No
41-HS-IM-STAD	41	Ice Machine B842S & CO0830SA	Stadium Concession Stand	Stadium Concession Stand	Yes	Pentair Cartridge # EV9606-51	No		No	No	No		No
42-HS-K-STAD	42	Faucet	Stadium Concession Stand	Next to Ice Machine	No	N/A	Yes	Screen	No	No	No		No
43-HS-K-STAD	43	Faucet	Stadium Concession Stand	Large Sink	No	N/A	Yes	Screen	No	No	No	Calcium/Lime buildup in Faucett	No
44-HS-K-STAD	44	Faucet	Stadium Concession Stand	East wall	No	N/A	Yes	Screen	No	No	Yes	Detached aerator, calcium/lime buildup	No

Carl Junction: Baseball/Softball Field

Sample ID	Sample #	Outlet Type	Location	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
				Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-FIELD-K-CONC	1	Faucet	Baseball Concession	No	N/A	Yes	Screen	No	No	No	N/A	No
2-FIELD-K-CONC	2	Faucet	Softball Concession	No	N/A	Yes	Screen	No	No	No	N/A	No

Carl Junction: ISC / CJU

Sample ID	Sample #	Outlet Type	Location	Location Specific	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
					Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-ISC/CJU-DF-PD1	1	Water Fountain	Classroom	PD 1	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	N/A	N/A	No
2-ISC/CJU-CR-PDF	2	Faucet	Classroom	PD 1	No	N/A	No	N/A	No	No	No	N/A	No
3-ISC/CJU-DF-GYM	3	Water Fountain	Gym	North Wall	No	N/A	No	N/A	No	No	N/A	N/A	No
4-ISC/CJU-DF-11	4	Water Fountain	Hallway	Across form Room 11	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	N/A	N/A	No
5-ISC/CJU-DF-PD2	5	Water Fountain	Hallway	PD 2- Between restrooms	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	N/A	N/A	No
6-ISC/CJU-DF-PD2	6	Water Fountain	Hallway	PD 2- Between restrooms	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	N/A	N/A	No
7-ISC/CJU-CR-15	7	Faucet	Classroom	PD 2 - Room 15	No	N/A	Yes	Screen	No	No	No	N/A	No
8-ISC/CJU-IM-MIAL	8	Ice Machine	Mailroom	Across from Room 15	Yes	Versafilter -033879-001 Carbon block	No	N/A	No	No	N/A	N/A	No
9-ISC/CJU-DF-31	9	Water Fountain	Hallway	Room 31 - Hallway "corner"	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	No	N/A	No
10-ISC/CJU-CR-34	10	Faucet	Classroom	IT Office - Room 34- East Wall	No	N/A	Yes	Screen	No	No	No	N/A	No
11-ISC/CJU-DF-HEADST	11	Water Fountain	Hallway	Head Start - Down hallway from IT Office	Yes	Versafilter -033879-001 Carbon block	Yes	Screen	No	No	N/A	N/A	No
12-ISC/CJU-DF-42	12	Water fountain	Hallway	CJU - Across from 42	No	N/A	Yes	Screen	No	No	N/A	N/A	No
13-ISC/CJU-CR-43	13	Faucet	Classroom	CJU - Inside 43	No	N/A	Yes	Screen	No	No	No	N/A	No
14-ISC/CJU-IM-43	14	Ice Machine	Classroom	CJU - Inside 43	No	N/A	No	N/A	No	No	N/A	N/A	No

Carl Junction: Clem Prettyman Satellite School

Sample ID	Sample #	Outlet Type	Location	Any Filters?		Any Aerators?		Any Signs of Corrosion?				Any Banned Water Coolers/Tanks?
				Yes/No	Type	Yes/No	Type	Frequent Leaks?	Rust-Colored Water?	Stained Dishes?	Other?	
1-SAT-DF-HW	1	Water fountain	Hallway	No	N/A	No	N/A	No	No	No	No	No
2-SAT-DF-HW	2	Water fountain	Hallway	No	N/A	No	N/A	No	No	No	No	No
3-SAT-CR-103	3	Faucet	Student kitchen - Room 103	No	N/A	Yes	Screen	No	No	No	No	No
4-SAT-CR-103	4	Faucet	Student kitchen - Room 103	No	N/A	Yes	Screen	No	No	No	No	No
5-SAT-IM-103	5	Ice maker	Student kitchen - Room 103	No	N/A	No	N/A	No	No	No	No	No