



# Leon County Schools Water Quality Workshop 2020





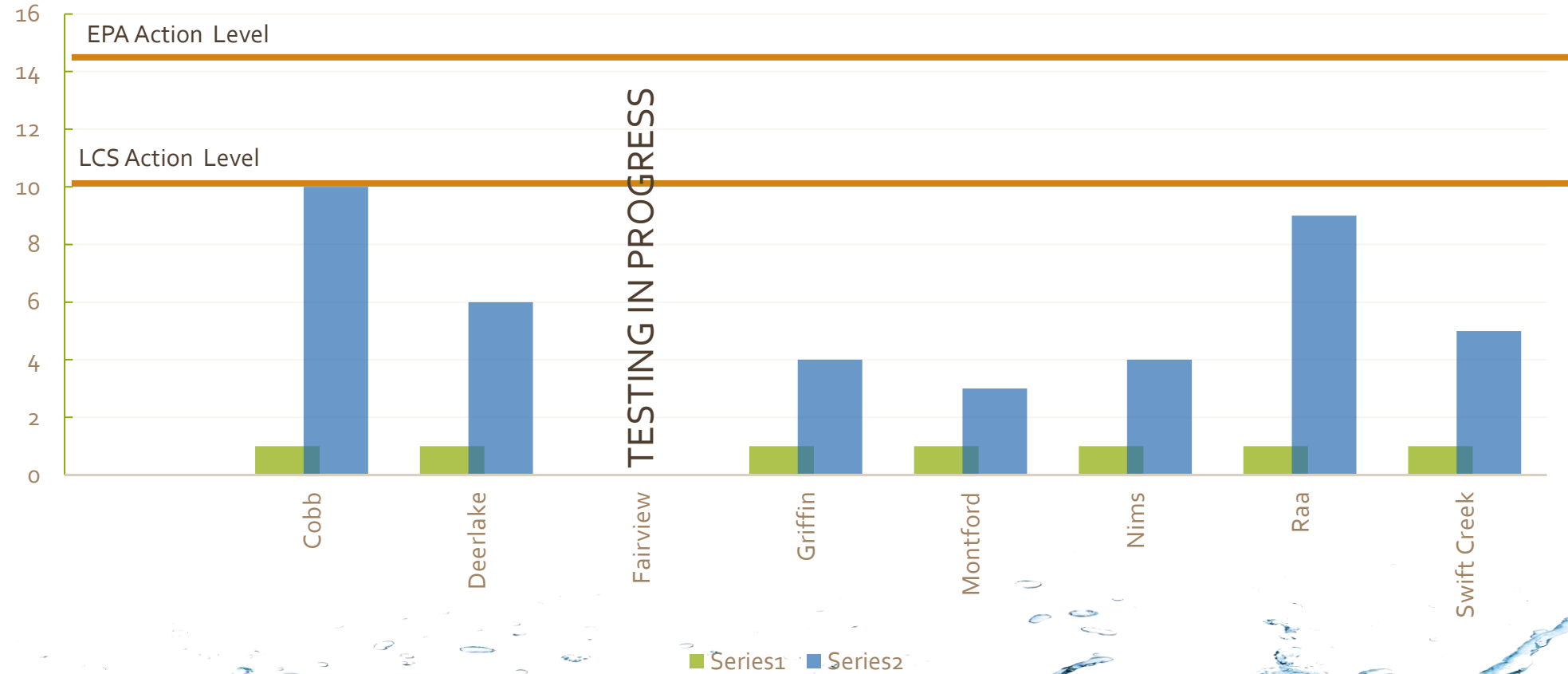
# School Water Samples to-date

2020



# 2020 LEAD RESULTS 6<sup>th</sup> – 8<sup>th</sup> GRADE

PPB Reported





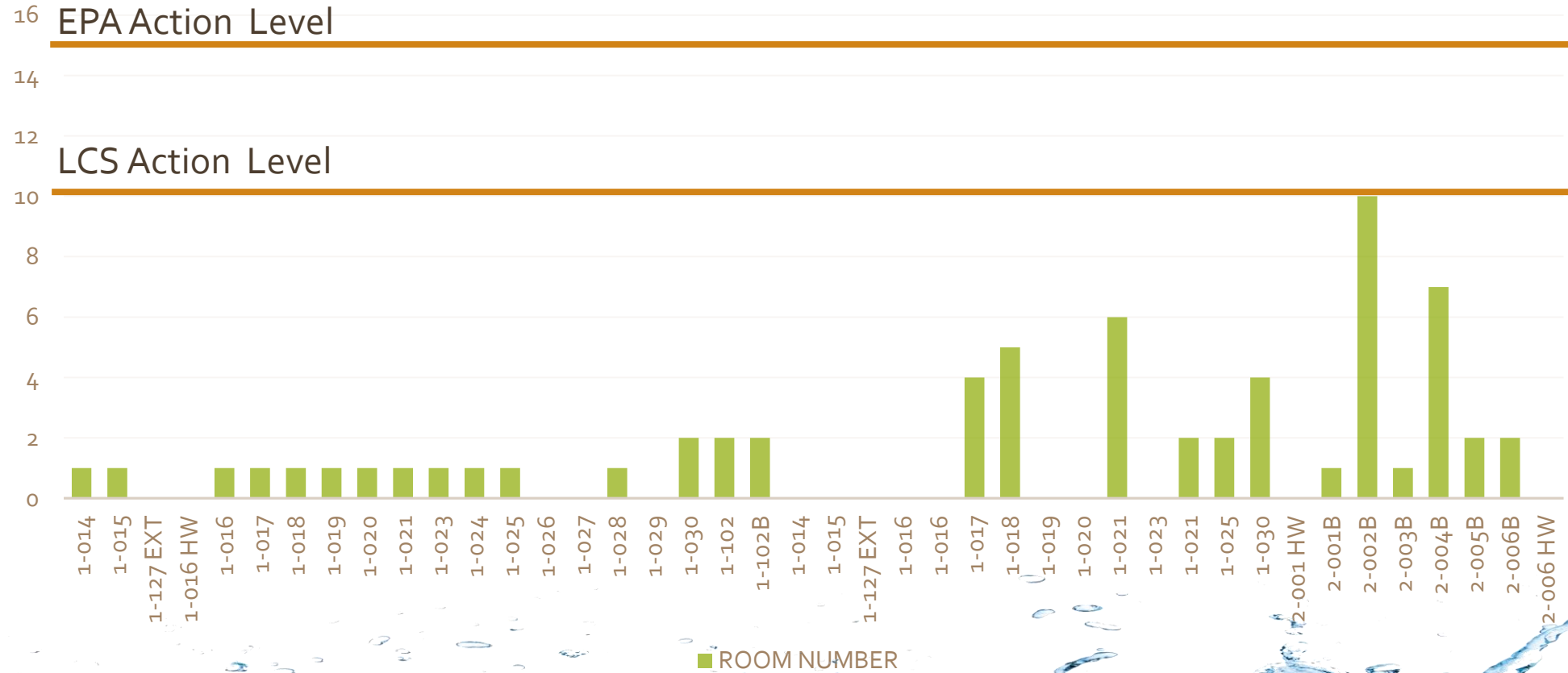
# MIDDLE SCHOOLS LEAD RESULTS

2020  
6<sup>th</sup> thru 8<sup>th</sup> Grade



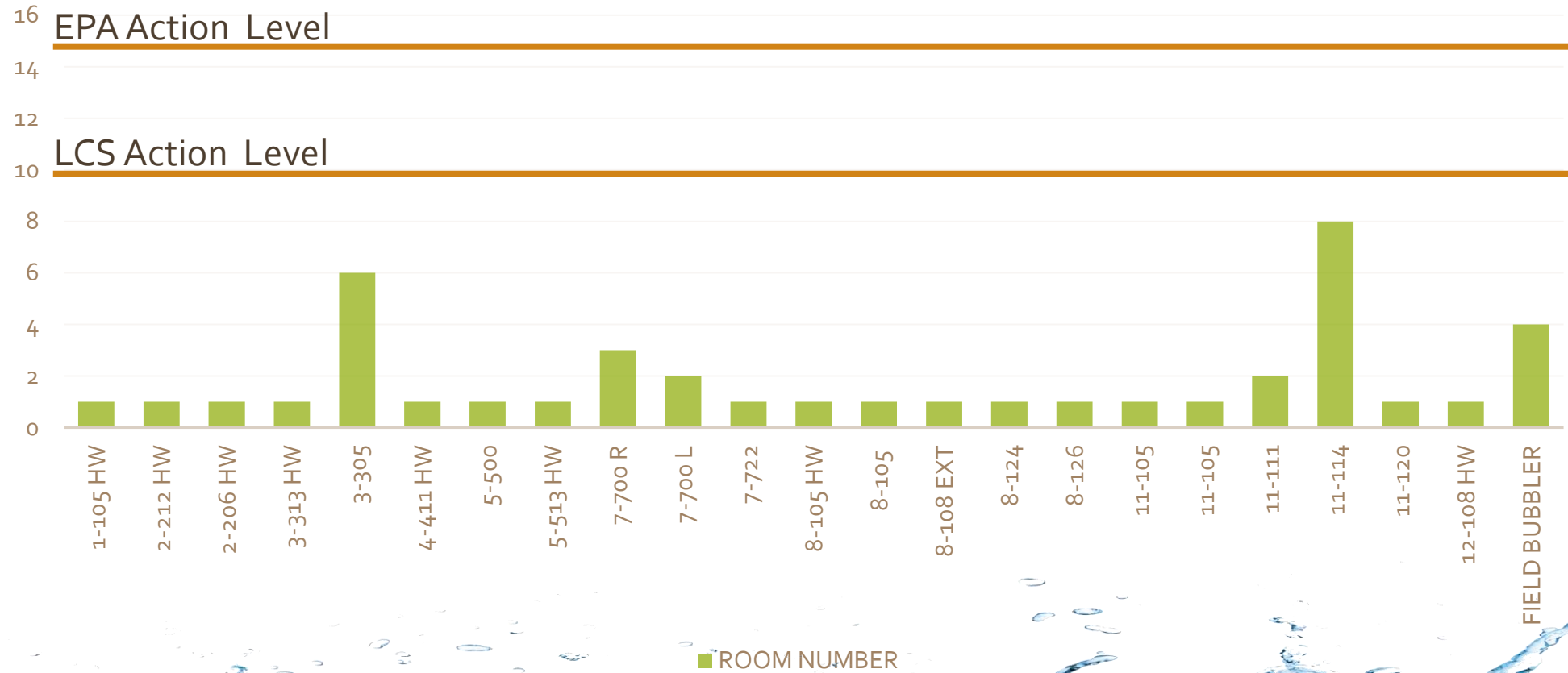
# COBB MIDDLE SCHOOL

## PPB Reported



# DEER LAKE MIDDLE SCHOOL

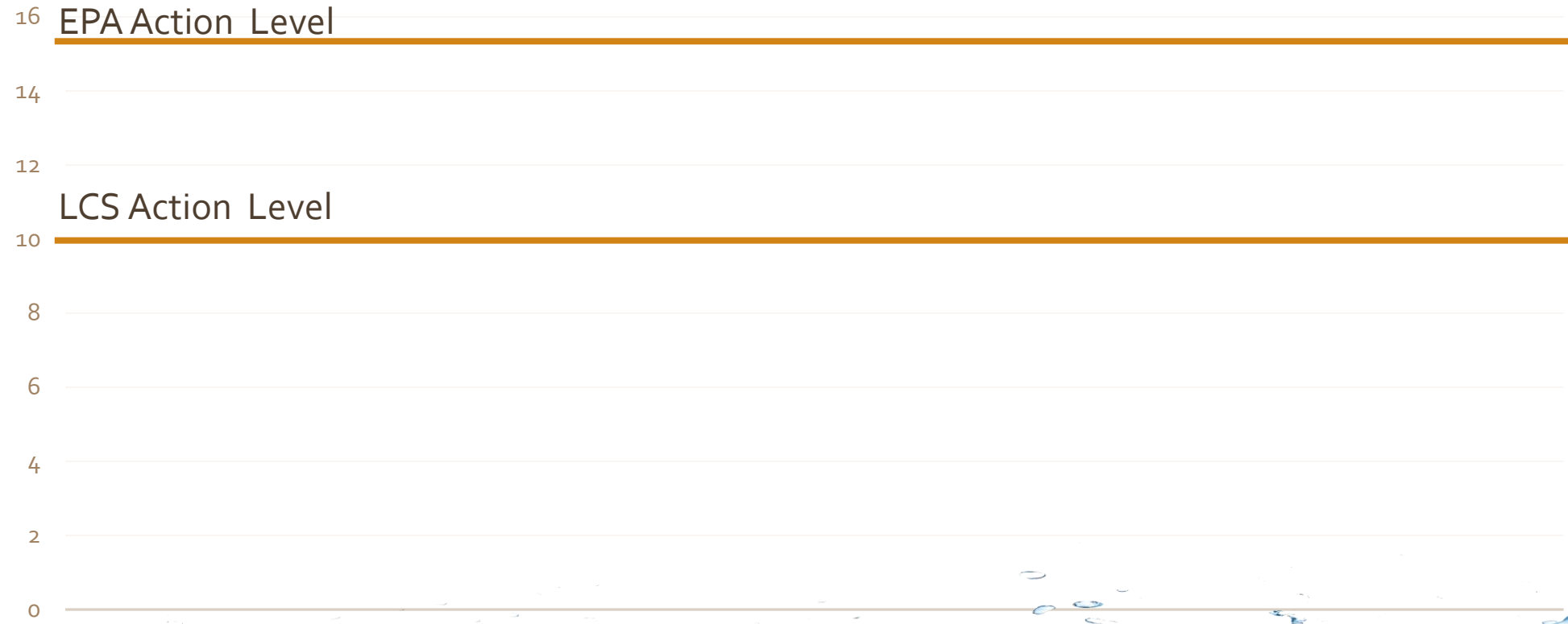
## PPB Reported



# FAIRVIEW MIDDLE SCHOOL

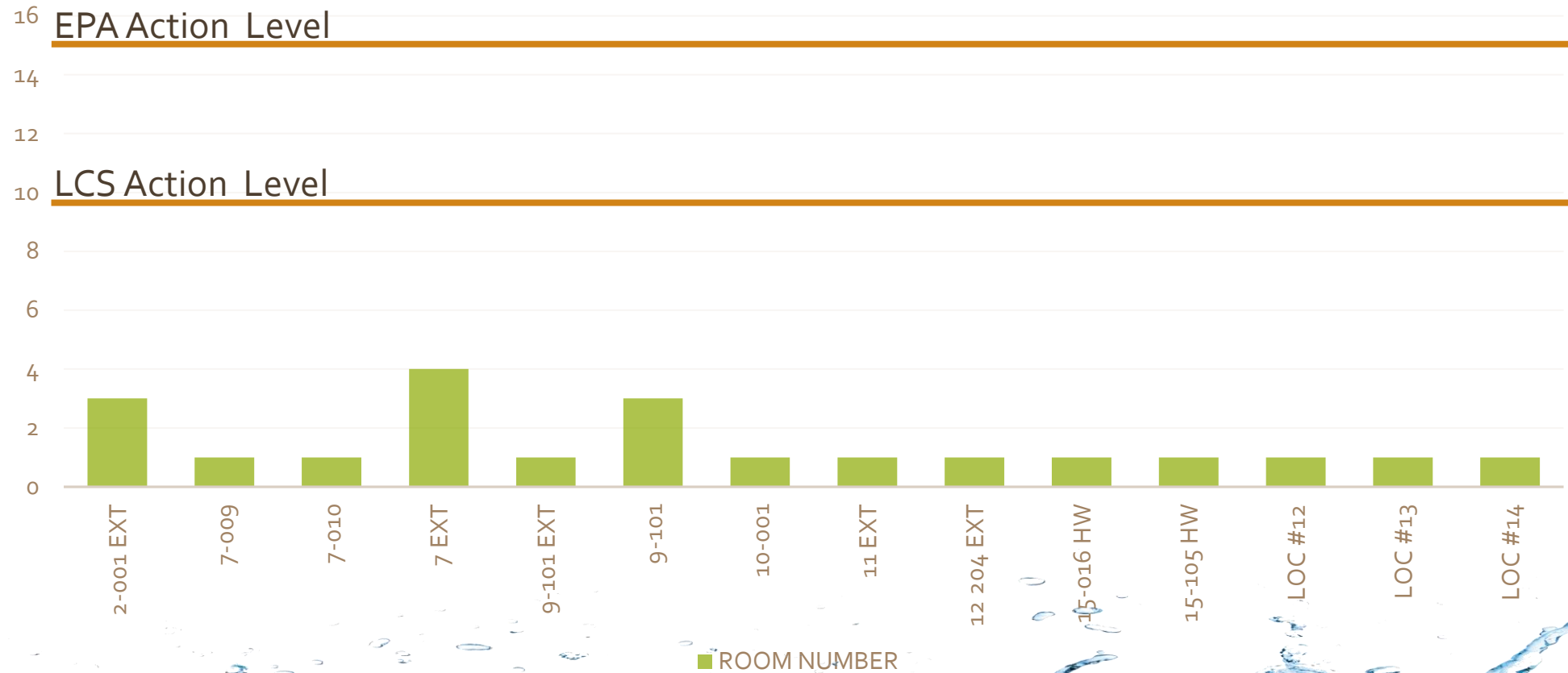
TESTING IN PROGRESS

PPB Reported



# GRIFFIN MIDDLE SCHOOL

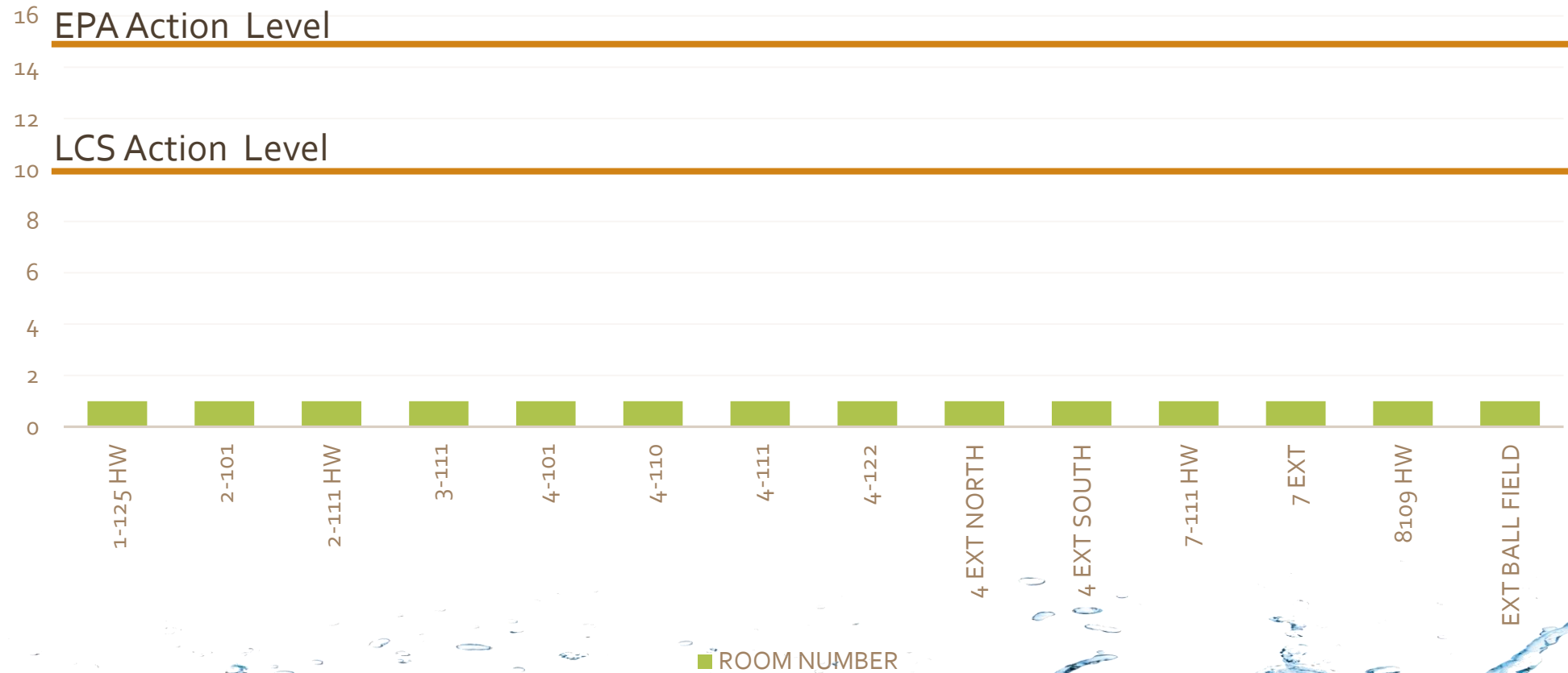
## PPB Reported





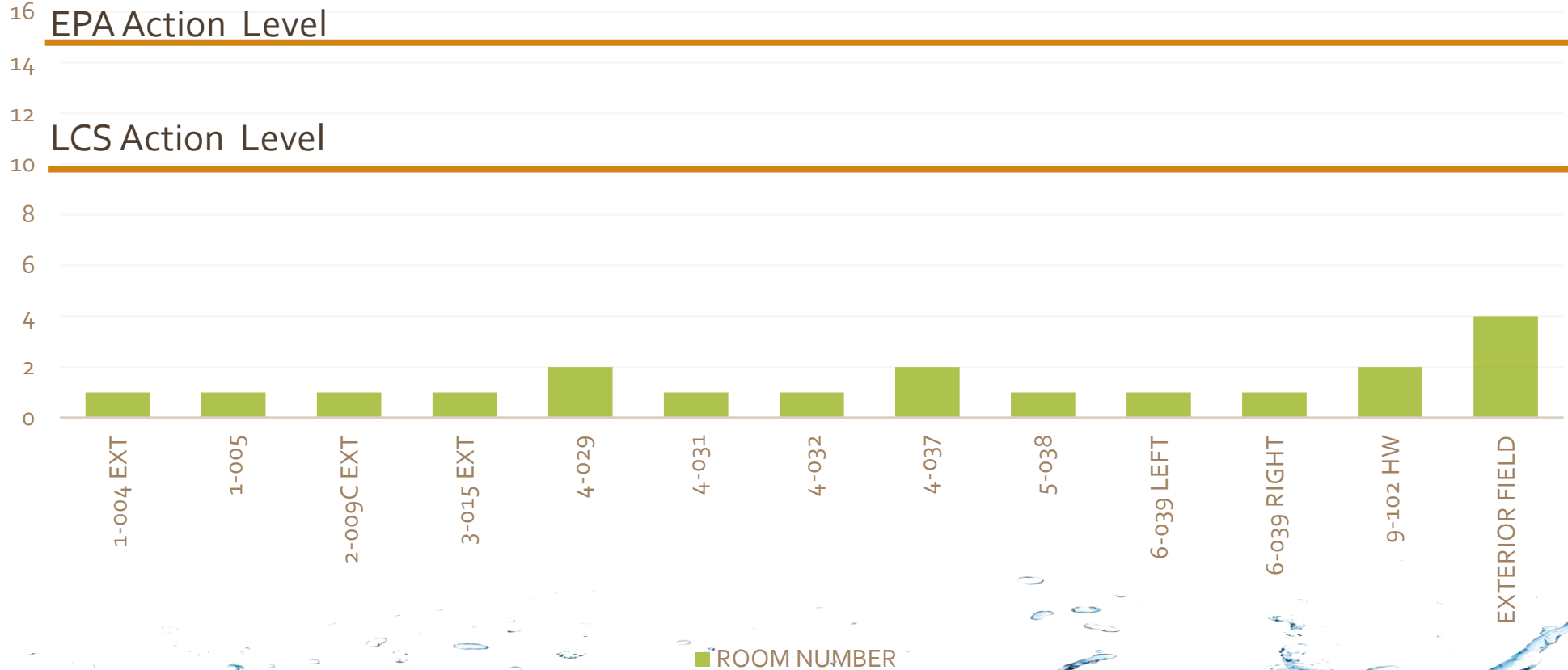
# MONTFORD MIDDLE SCHOOL

PPB Reported



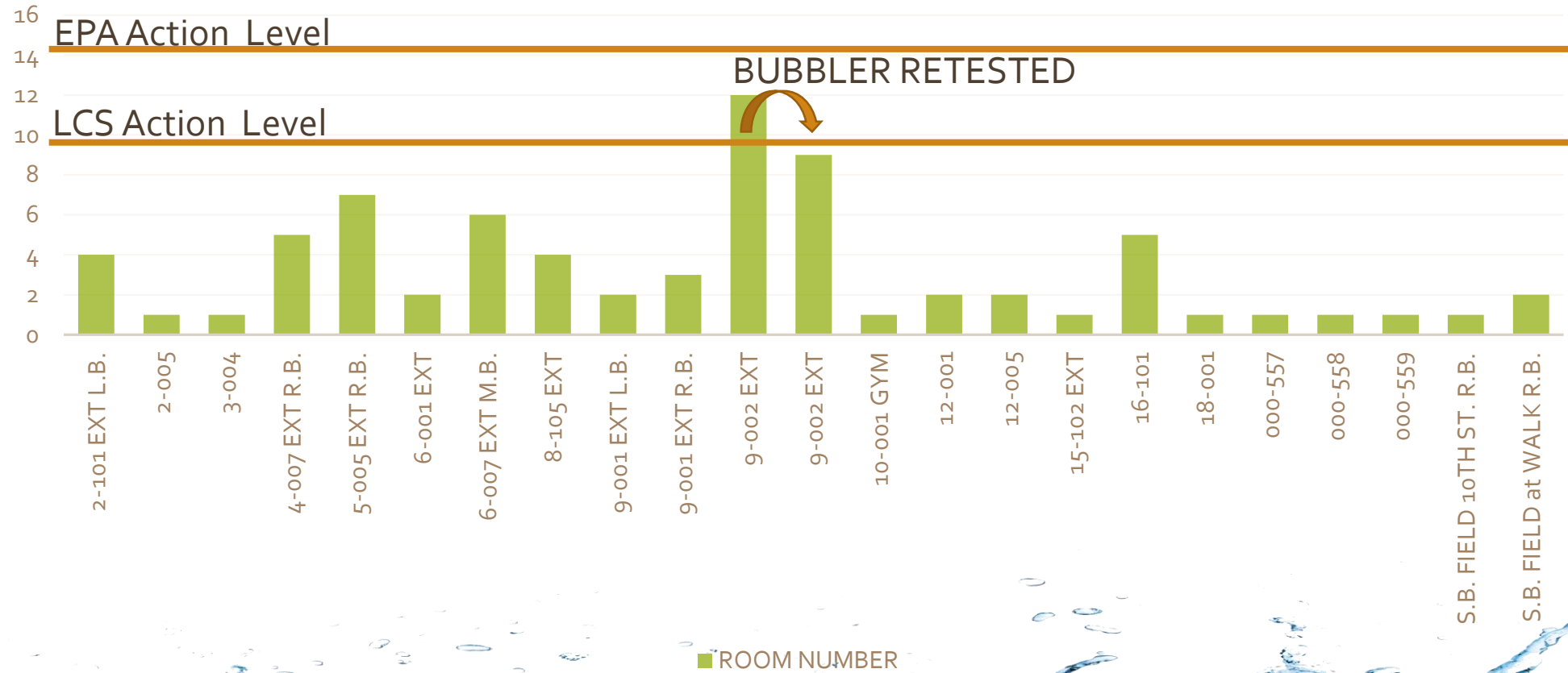
# NIMS MIDDLE SCHOOL

## PPB Reported



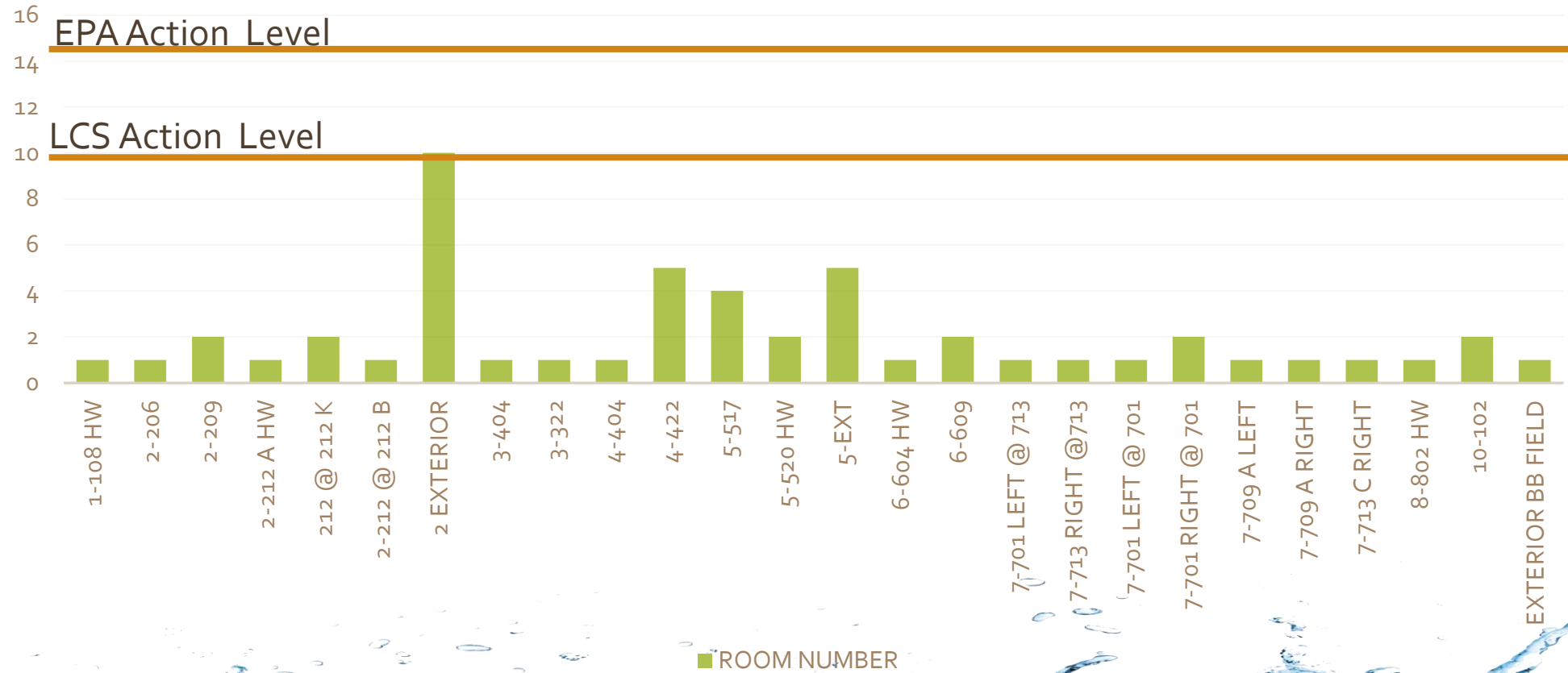
# RAA MIDDLE SCHOOL

## PPB Reported



# SWIFT CREEK MIDDLE SCHOOL

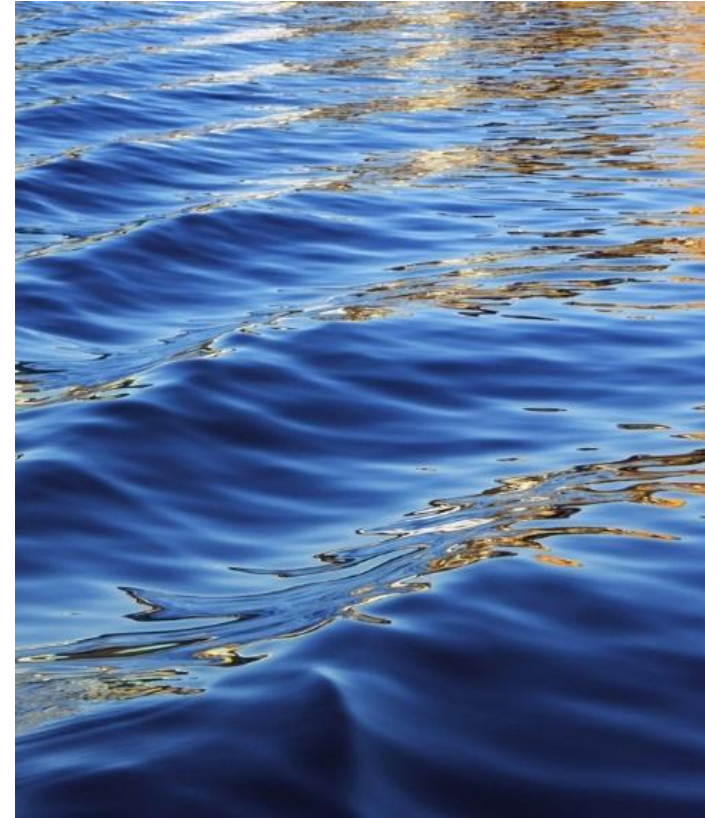
## PPB Reported





## SUMMER & PROPOSED FALL 2019/SPRING 2020 Water Quality Assurance Program Efforts

- Replace (100) Bubblers in Primary Classroom(s) at Three (3) of Our “Older” Elementary Schools. **COMPLETED**
- Install Filter(s) on Water Cooler(s)/Drinking Fountains at Three (3) of Our “Older” Elementary Schools. **COMPLETE at KILLEARN LAKES**
- Replace any Water Cooler(s)/Drinking Fountains Where Cost to Install Filters is not Fiscally Beneficial. (Average Water Cooler/Drinking Fountain Cost \$800 - \$1,000). **ONGOING**
- Remove from Service Any Bubbler(s) in “Low Use Area”: Computer Lab(s), Media Center(s), Guidance Counselor Spaces, Special Classrooms, ETC. **ONGOING**





SUMMER & PROPOSED FALL 2020/SPRING 2021  
Water Quality Assurance Program Efforts

- Replace Bubblers in Primary Classroom(s) throughout our Elementary Schools.
- Install Filter(s) on Water Cooler(s)/Drinking Fountains throughout our Elementary Schools.
- Continued sampling throughout our High Schools.





# Water Filter Installation/Replacement Cost Analysis

2020



# Water Filter Installation/Replacement Cost Analysis

Quantity	Number of Sites	LCS Maintenance			Sample Collection/ School	Total Sample Collection	LCS Drinking Fountain Replacement	LCS Bubler Replacement (Lead-free Units)	Estimated Number of Students	Building Code Required Number of Drinking Fountains (1 per 100 students)
		LCS Maintenance Initial Filter Installation Cost	Total Replacement Filter Cost (Semi-Annually)	LCS Maintenance Total Replacement Filter Cost (Annually)						
Elementary School	10	24	\$ 30,000.00	\$ 36,000.00		\$ 192,000.00		650	7	
Middle School	15	8	\$ 15,000.00	\$ 18,000.00		\$ 96,000.00		1100	11	
High School	25	6	\$ 18,750.00	\$ 22,500.00		\$ 120,000.00		2000	20	
Special Sites	10	5	\$ 6,250.00	\$ 7,500.00		\$ 40,000.00				
<b>TOTAL</b>			<b>\$ 70,000.00</b>	<b>\$ 84,000.00</b>		<b>\$ 448,000.00</b>				

## Number of Bubblers

Elementary School	40	24	\$ 86,400.00	\$ 144,000.00	\$ 72,000.00		\$ 91,200.00		
Middle School	5	8	\$ 3,600.00	\$ 6,000.00	\$ 3,000.00		\$ 3,800.00		
High School	0	6							
Special Sites	15	5	\$ 6,750.00	\$ 11,250.00	\$ 5,625.00		\$ 7,125.00		
<b>TOTAL</b>			<b>\$ 96,750.00</b>	<b>\$ 161,250.00</b>	<b>\$ 80,625.00</b>		<b>\$ 102,125.00</b>		

**GRAND TOTAL**                      **\$ 166,750.00**    **\$ 245,250.00**    **\$ 122,625.00**

## Sample Collection

Elementary School	50	24			\$ 2,000.00	\$ 48,000.00			
Middle School	20	8			\$ 800.00	\$ 6,400.00			
High School	25	6			\$ 1,000.00	\$ 6,000.00			
Special Sites	25	5			\$ 1,000.00	\$ 5,000.00			
<b>TOTAL</b>						<b>\$ 65,400.00</b>			

The quantity of drinking and bubblers are estimates for each school level.  
 The semi-annual filter replacement schedule is an estimate. The acutal replacement schedule will be based upon the filter manufacture and use of the drinking fountain/bubler.  
 Cost for Sample Collection analysis is an estimated cost from Arkuritlabs, based upon the number of samples collected and excluding LCS staff time.  
 Drinking fountian replacement is based upon the Elkay ezH2O Bottle Filling Station Units.





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CEC\_SBE\_ENVIRONMENTAL HEALTH & SAFETY

