

PRAIRE DOG EXHIBIT

- To acquire (8) prairie dogs:
\$3,000
- Concrete material/labor:
\$10,000
- Sand/clay material:
\$1,000
- Glass enclosure: This will have to go to open bid
\$37,402
- Running a water line time/material:
\$450
- Removal of garden/leveling and removing soil-labor/equipment:
\$2,500
- Custom crawl tunnel:
\$3,500

Estimated Total: \$57,852

AQUATIC CENTER UPDATES

Benefits of CO2:

- Replacing hazardous chemicals with carbon dioxide (CO₂) for pH stabilization in swimming pools delivers a range of benefits including an improved safety profile for staff and bathers, increased bather comfort, and a milder impact on the pool structure and the environment.
- Will cause a higher alkalinity (which we struggle to do), so we will save money on bicarb

Benefits of the Cal Hypo:

- Stronger chlorine: 65% vs 12% liquid
- No need for huge storage tanks
- Longer shelf life (does not degrade)
- Easy storage (buckets)
- Uses less acid/CO₂ because it has lower pH (pH 7.8 vs liquid pH 13)
- Maintains consistent chlorine levels (no ups and downs) because it feeds faster. Also allows to keep chlorine levels lower.

Cal Hypo Feeders:

- Total to switch over to new feeders: \$5,995 installed; the trade of the chlorine sensors will cover the cal hypo feeders (they are \$7,000 feeders)
- Most of the cost is engineering plans and plan submittal fees to the state. The remainder covers some of the valves and piping changes.
- \$184.00 (50 lbs.) bucket of Cal hypo-\$3.68/lb. would equate to \$3.68/gallon of liquid chlorine
- In 2022, we paid \$4.27 per gallon of liquid chlorine (**TOTAL \$13,192/ 3096 gallons**)
- **2023** will be \$5.66 per gallon of liquid chlorine, projected \$17,523.36 for 2023

Here are the numbers for the CO2:

- (3) Beca CO₂ feeders and (2) 750lb tanks installed: \$3,500 plus shipping.
- The CO₂ tanks are leased - lease amount is \$2,400/year.
CO₂ cost is \$0.40/lb. so if we would fill both tanks that would be \$600, guessing a fill each month would be \$1800 for the season- so not counting the cost of feeders, our expenses would only be about \$4200/year. **We paid \$6,630.40 in the summer of 2022 for sulfuric acid.**
- **2023** projected to be \$179.23 projection \$9,980.32 for 2023
- **2023 projected liquid chlorine and sulfuric acid cost \$27,503**

INITIAL COSTS

Conversion to CO2:

- Installation -\$3,500 plus shipping
- \$2400 rental fee for CO₂ tanks (\$14,000 to buy our own)

Conversion to Cal hypo:

- Installation -\$5,995

PROJECTD SAVINGS

- Converting to CO₂ (\$2,430)
- No Sodium Bicarb (\$2300)
- Converting to Cal Hypo pucks (\$1,970)
- **Projected total savings: \$6,700**

Parks & Recreation Bills

January 9, 2023

Bill	Date	Detail	Amount
Ace Hardware	11/10/2022	Christmas Decorations Materials	123.95
Ace Hardware	11/15/2022	Christmas Decorations Materials	24.99
Ace Hardware	11/15/2022	Christmas Decorations Materials	223.92
Ace Hardware	11/16/2022	Christmas Decorations Materials	166.90
Ace Hardware	11/17/2022	Christmas Decorations Materials	23.55
Ace Hardware	11/28/2022	Christmas Decorations Materials	6.87
Amazon	10/24/2022	Recreation Materials	20.95
Amazon	10/24/2022	Recreation Materials	18.99
Amazon	12/6/2022	Recreation Materials	25.98
Amazon	12/20/2022	Recreation Office Supplies	22.79
Applied Industrial Technologies	12/5/2022	Aquatics Center Maintenance	26.16
ArborVantage Nursery LLC	10/31/2022	Tree Care Contract Payment	800.00
ArborVantage Nursery LLC	11/15/2022	Tree Care Contract Payment	3,500.00
Buckingham Manufacturing	11/21/2022	Park Outlay	619.60
Casper Stump Grinding	11/16/2022	Tree Care Contract Payment	2,068.50
Desorcy, Dawn	12/8/2022	Recreation Materials	30.86
Ferguson	11/14/2022	Mead Field Materials	23.74
The Home Depot	12/5/2022	Parks Department Materials	423.97
The Home Depot	12/9/2022	Parks Department Equipment	468.00
Liberty Flag & Specialty Company	9/28/2022	Christmas Decorations Materials	281.95
Londerville Steel Enterprises, Inc.	12/5/2022	Parks Department Materials	1,200.00
MakeStickers	11/3/2022	Concessions Supplies	103.49
Metcalf Lumber	11/15/2022	Parks Department Materials	259.24
Midwest Lakes LLC	11/25/2022	Recreation Materials	26.75
ODC	12/20/2022	Parks Department	525.00
Plastic Card Experts	11/29/2022	Parks Department Materials	319.00
Quality Foods	12/21/2022	Parks Department Materials	125.16
SafeSitter	11/14/2022	Recreation Materials	101.00
Severin, Marybeth	11/16/2022	Recreation Materials	169.18
Tractor Supply Co	11/10/2022	Aquatics Center Equipment	54.99
UniFirst	10/11/2022	Concessions Supplies	82.27
Valley Aquatic Solutions	10/3/2022	City Zoo Equipment	430.00
Walmart	11/14/2022	Recreation Materials	77.92
Walmart	11/21/2022	Recreation Materials	24.68
Walmart	11/30/2022	Recreation Materials	17.94
Walmart	12/12/2022	Recreation Materials	46.61
Water Works & Lighting Commission	12/1/2022	Parks Department	77.85
			12,542.75