

COMMERCIAL RECREATION SPECIALISTS

January 29, 2020

Nancy Malecha
City of Pequot Lakes
4638 Main Street
Pequot Lakes, MN 56472

RE: Trailside Park Splashpad Design/Build Proposal

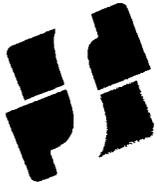
The Commercial Recreation Specialists (CRS) Team is pleased to present this proposal, \$128,500.00 for a turnkey Splashpad Installation at Trailside Park in Pequot Lakes, MN. We are excited to share our many years of experience in the commercial recreation market to assist you in creating what we feel will be a very exciting and dynamic project.

Scope of Work Ref # SW20190611-JC

Complete Product & Installation of a Commercial Splashpad to include the following:

- Installation of Vortex Water Features & Smartpoint Manifold Water Distribution System:
 - Includes Delivery of all Products as Noted on Splashpad Concept dated 1-24-20.
 - Artist Renderings, Spray Zone Layout & Piping & Electrical Schematics.
 - MN DOH Permit/Plan Review with Site Inspection Prior to Start-Up. Permit fee included.
- Installation and Concrete to Include:
 - Installation to be Performed by an Experienced Vortex Installer.
 - Concrete Subbase to be 6" Compacted Class 5.
 - Concrete to be 6" thick, #4 Rebar Reinforced, 12" O.C., Medium Broom Finish.
 - Total Concrete Supplied: 2,123 sq. ft. (wet and dry zones combined) for Splashpad.
 - Standard Grey Concrete mix.
 - Installation of Smartpoint Manifold Command Center/Drain System, BFP, Pressure Regulator, Piping (to Include Schedule 80 PVC), Valves, Joints & Connections, Setting of Water Feature Foundations & Embeds & Installation of Vertical Water Features.
 - Backflow preventer (RPZ) to be installed by Licensed Plumber hired by CRS. Product included in Splashpad Equipment and to be installed in nearby irrigation cabinet. Irrigation cabinet to be supplied and installed by CRS.
 - Electrical work to include power (120V) from a nearby subpanel to Smartpoint Manifold Power Supply and Timer. All wiring to Controller in Center of Drain & Bonding of all Water Features and Concrete Rebar. CRS to hire local Licensed Electrician. Includes Electrical Permit and Inspection prior to Concrete Pour.





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- Tap nearby water and sewer lines. Bring water and sewer to splashpad. Assumes water and sewer can be accessed in grassy areas. Does not include tapping through nearby street. Utilities to be within 50 feet of pad.
- Excavate splashpad area. Spread spoils on site.
- Client to be Named as an Additional Insured.
- Performance and Payment Bonds Included.

Startup & Training

- Perform initial startup of splashpad and train staff on recurring maintenance, winterization process, and pre-season startup.

Exclusions:

- Does Not Include City Provided Water Meter.
- Does Not Include Final site restoration with sod or seed.
- Site to be Ready for Construction & Free of Debris or Obstructions.

Thank you for the opportunity to participate in this project. Please let us know if you have any questions on the above information. Thank you in advance for your consideration and we look forward to serving you and your team.

Sincerely,

Jeff Corniea
Sr. Account Manager
Commercial Recreation Specialists
Phone: 608-333-1654

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about FUN!**
CRS4Rec.com

CORPORATE 807 Liberty Dr, Suite 201, Verona WI 53593 | **608-848-8781** fax 608-848-8782

AquaDome



(4) Jet Stream No1



*Safeswap with
Geyser Spray*



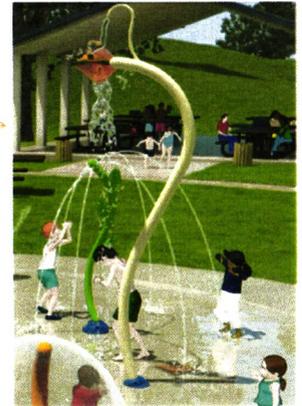
*Safeswap with
Rooster Tail Spray*



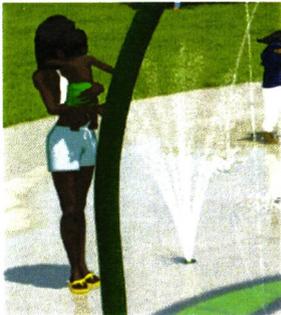
Fountain Spray



Flower No5



Fountain Spray



*Safeswap with
Rooster Tail Spray*



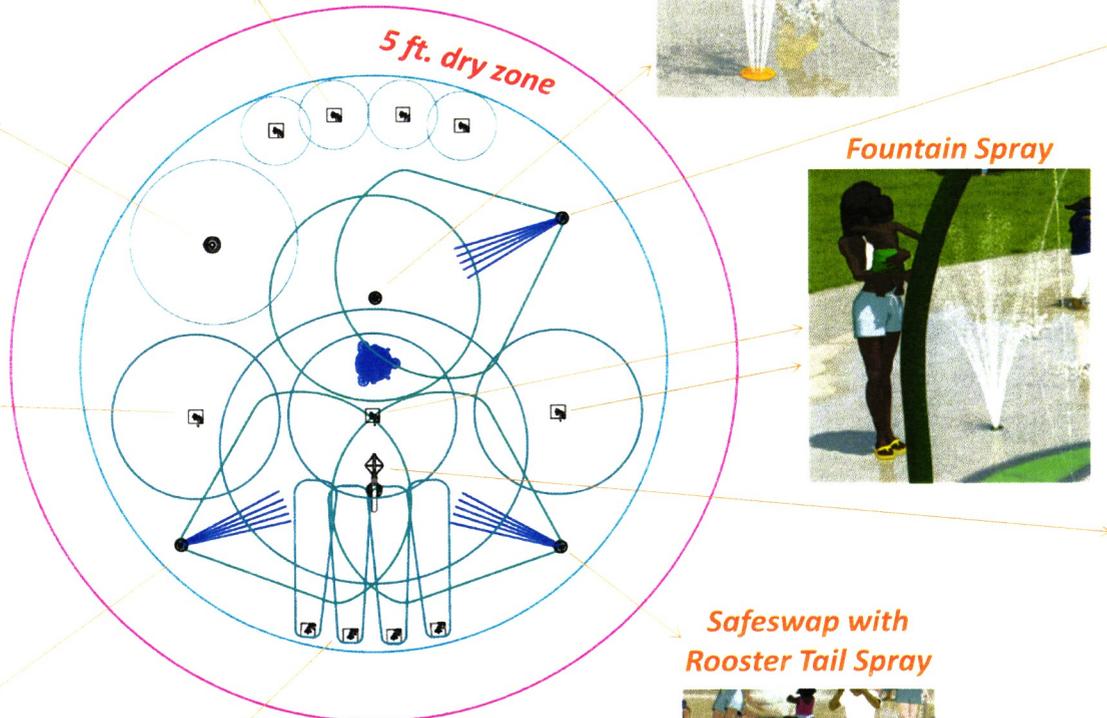
(4) Directional Jets

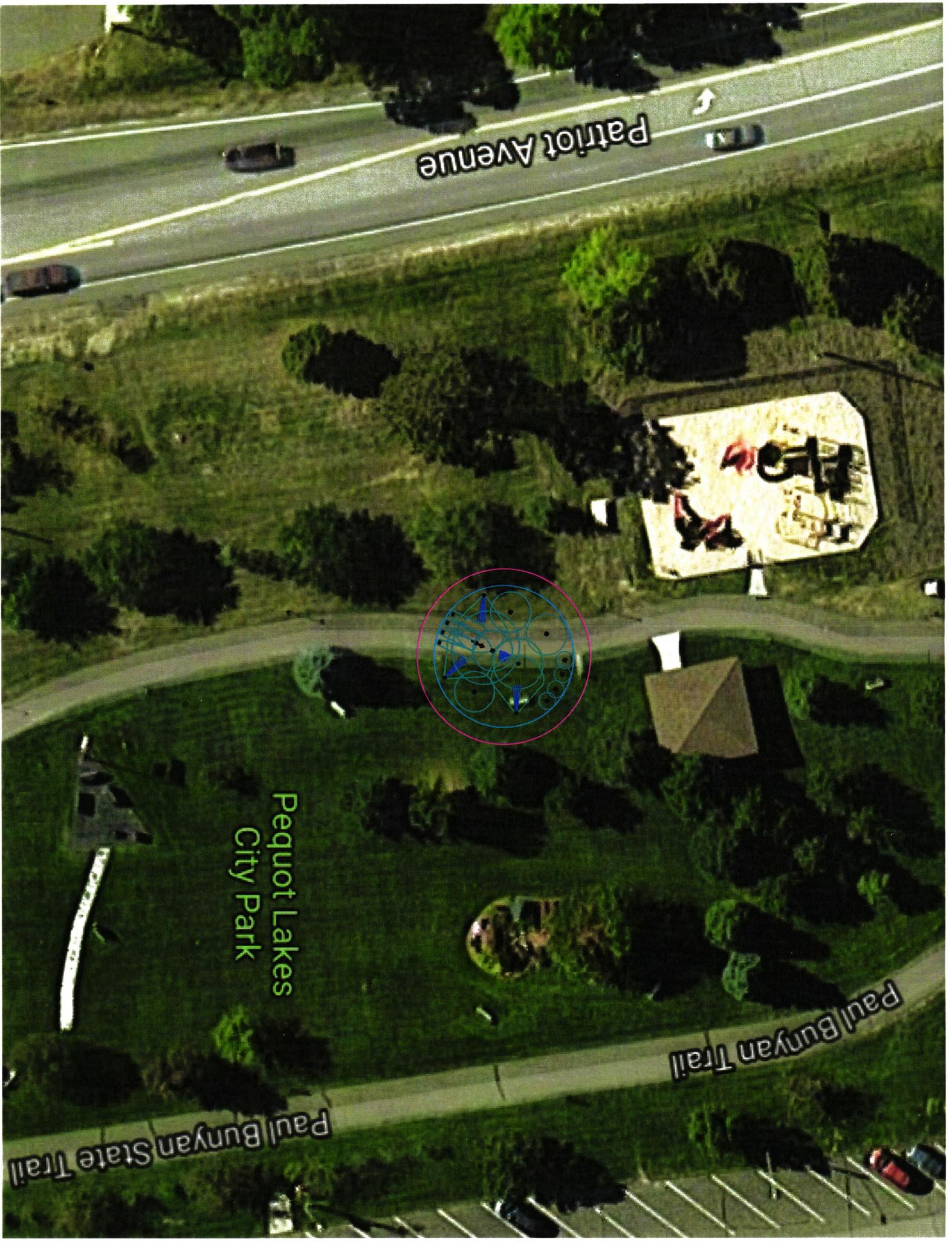


*Safeswap with
Rooster Tail Spray*



**Splashpad Concept for
Trailside Park
1-24-2020**



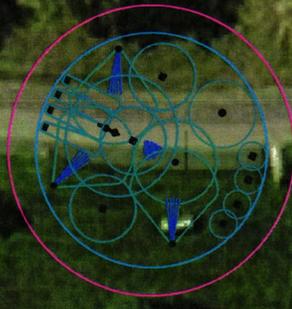


Patriot Avenue

Pequot Lakes
City Park

Paul Bunyan Trail

Paul Bunyan State Trail



Flow Thru Cost Estimator Estimated Splashpad

Drain Away System	
	Imperial
Total Play product Flow	124.00
Manifold Capacity	85.00
Use lesser amount	85.00
Average Sequence Flow Rate	72.25
Maximum Flow per hour (gallons)	4,335.00
Hours per Season	612.00
Consumption per Season (gallons)	2,653,020.00
Average Daily Consumption (gpd)	33,162.75
Average Daily Consumption (cf)	4,433.86
Hundred Cubic Feet per Season (HCF)	3,547.09

This is our estimate of how much water the pad will consume each season from Memorial Day to Labor Day.
This is our estimate of how much water the pad will consume each day.

Usage Estimate based on degree Days

Temperature F/C	Hours Per day	Days per Season	Hours of Use per Season
70-79 (21-26)	7	54	378
80-90 (27-31)	8	13	104
90-99 (32-37)	10	10	100
100+ (38+)	10	3	30
Total		80	612

Note: Days per season = 100 days - 20 days of rain within season

Evaporation and bather load loss	0.00%
Water meter cost per 1000 gal	\$2,500
Sewer cost per 1000 gal	\$0.00
Total Cost per season	\$6,632.55

Annulized Water Consumption gpd	7269
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Additional municipal fees that may apply		6 Mth Fee
Water Meter Charge	\$	-
Sewer Base Charge	\$	-
Landfill Remediation	\$	-
Public Fire Protection	\$	-
Storm Water Charge		

Pad Total Combined Seasonal Operation Cost	\$	6,632.55
Site Staffing		0
Maintenance Staff		0
Other		0
Total Operating and Staffing Costs	\$	6,632.55