



**City of Spokane Park Board
Golf Committee Meeting**

8:00 a.m. Tuesday, Feb. 07, 2023
Hybrid in-person and WebEx virtual meeting
Mark Poirier – Golf Manager

Committee Members

X Gerry Sperling
X Nick Sumner
X Bob Anderson
X Barb Richey

Parks Staff

Jason Conley
Mark Poirier
Jennifer Papich
Megan Dyson
Nick Hamad
Ben Nelson
David Fern
Kris Behr

SUMMARY

- The committee approved to recommend the Park Board accept the following agenda items:
 - Spirit Pruners LLC. Change order #1 / Downriver Golf Course Forest Health Management (\$88,650.00+tax) – Regular Agenda
 - 2023 Golf/Parks Chemical/Fertilizer Value Blanket – Consent Agenda
- 2022 Water Savings was presented.
- 2022 Player No Show Data was presented.
- Qualchan Clubhouse Window Project Update was presented.
- An overview of What's Happening at the Courses was presented.

The next regularly scheduled meeting is 8 a.m. Tue., Mar. 7, 2023.

MINUTES

The meeting was called to order at 8:01 a.m. by committee chair Gerry Sperling.

Public comment - None

Action items

1. [Spirit Pruners LLC. Change order #1 / Downriver Golf Course Forest Health Management \(\\$88,650.00+tax\)](#) – Nick Hamad
 - a. To recap, this project was authorized by the Park Board on Jan 4, 2023, with work commencing on Jan. 9. As the trees were felled, the decay and deterioration was obvious. Ben Nelson, Katie Kosanke and Steve Nittolo have become quite adept at identifying infected trees and will continue to evaluate 15-20 potential trees on a regular basis. As of today, all the infected trees have been felled with logs, heavy brush and machinery completely removed. On Monday, Spirit Pruners will bring in a tub grinder, chipping remaining debris one inch or larger, with a project completion set for the end of next week. Ben's work on this project, as well as identifying problematic trees at Indian Canyon has been exceptional.
 - b. As anticipated, there are three factors causing a price increase. All bids were generated as though the ground would remain frozen throughout the process, recognizing a change order may be necessary if the ground were to thaw. As such, due to the warmer weather in January, modifications to the process were made to minimize sizable ruts or other damage to the terrain. A trail was created using sheets of plywood covered with old tires for the machines to travel on. This resulted in additional labor costs. Additionally, it was determined the use of a forwarder (a machine that picks up and carries the logs off the premises) rather than a skidder (which drags the logs across the terrain) should be used to prevent further damage to the softened terrain. This machine is more expensive than the originally quoted machine. As a cautionary measure prior to completion, the Urban Foresters recommended the removal of additional trees showing symptoms of the infestation, increasing the overall cost of the project. Note: Urban Forestry was planning to remove four trees near the clubhouse but agreed to cover the expense for Spirit Pruners to remove them.

Motion #1 – Gerry Sperling moved to recommend the Spirit Pruners LLC. Change order #1 / Downriver Golf Course Forest Health Management (\$88,650.00+tax).

Nick Sumner seconded. The motion passed unanimously (4-0 vote).

The committee agreed to present this recommendation as a regular agenda item on the Feb. 9 Park Board meeting agenda.

2. [2023 Golf/Parks Chemical/Fertilizer Value Blanket](#) – Mark Poirier

Ben Nelson researched several vendors for this annual value blanket. It covers all the turf chemicals used throughout the park system and golf courses for 2023, which also aids in locking in the lowest prices. This is approximately \$35,000 higher than the 2022 value blanket. Moving forward, the annual value blanket will be presented each February for Park Board approval.

Motion #1 – Gerry Sperling moved to recommend the Spirit Pruners LLC. Change order #1 / Downriver Golf Course Forest Health Management (\$88,650.00+tax).

Barb Richey seconded. The motion passed unanimously (4-0 vote).

The committee agreed to present this recommendation as a consent agenda item on the Feb. 9 Park Board meeting agenda.

Discussion item

1. [2022 Water Savings](#) – Nick Hamad
 - a. To improve turf, reduce maintenance and reduce water use, Park Board committed to

eliminating manual watering at Esmeralda and Indian Canyon, concentrate Spokane Investment Pool (SIP) loan improvements on course, combine Downriver stormwater and irrigation into one project to reduce impact on players, avoiding a street project. Currently, the irrigation systems at three of four courses have seen significant improvements, including weather-based controls. The new systems were put in place not only to save water, but to improve the courses. In 2022, approximately 140 million gallons of water was used, compared to an average of 250 million gallons per year prior to 2019, when the project began, which is a 41% reduction in usage. All three new courses saved enough water to qualify for the City's water credit incentive discount program. Essentially, the water savings amounted to around 875 houses worth of water usage per year.

- b. An outside consultant was hired by the water department to evaluate systems for efficiency versus total use. The results revealed interesting statistics: based on current turf and weather conditions, the software determines how much water should be used for peak efficiency and calculates how much was actually used. Beginning in 2016, the course usage was consistently higher than peak efficiency usage. Beginning in 2020 during the irrigation renovations, the actual usage drops, closely following the peak efficiency usage. By 2022, the actual usage drops slightly below the recommended peak efficiency usage. There is a desire to leverage this 90% efficiency rating with the Water Department for future funding opportunities with an irrigation renovation at Qualchan.
- c. The committee would like to recommend Marketing use this information to show that Spokane Parks with Golf in particular, are excellent stewards of natural resources. This should help when the time comes to increase greens fees. Mark pointed out that turf conditions can make or break a game. Good turf helps the ball move faster and longer, decreasing the handicap, which is something every golfer strives to achieve.

2. [2022 Player No Show Data](#) – Mark Poirier

In May of 2022, a \$30 no-show fee was implemented into the online booking system, garnering \$8,010 in revenue for 2022. A three-year average number of no-shows from 2019-2021 was 2,500. After the implementation of the no-show fee, there were approximately 1,500 no-shows. In addition to the revenue, tackling no-shows resulted in a \$128,000 net savings to the golf fund.

3. [Qualchan Clubhouse Window Project Update](#) – Mark Poirier

As of yesterday, the windows have all been installed. Although the original contract, generated in September with a December completion date, was extended to March 1. The original hazy glass was replaced with energy efficient low-e (emissivity) windows, enhancing the spectacular view from the clubhouse. They are slightly tinted which will alleviate the summer heat. Bob Anderson requested a follow-up in a few years to see the actual energy savings.

Standing reports

1. [Golf marketing report](#) will be shared by Fianna Dickson at the Feb. 9 Park Board meeting.
2. [Golf financial report](#) was tabled as this is the 13th month. The 2022 summary and monthly report will be shared at the March Golf Committee meeting.
3. [Superintendents' reports - What's Happening at the Courses](#) – Mark Poirier
 - a. [Downriver](#) – Ben Nelson reports they are currently backpack blowing, cleaning greens and applying fungicide. Most greens are exposed, and conditions look great. Due to early snowfall, the fairways are struggling. The course is still covered with leaves, but as it dries, they continue to blow and sweep. He is also seeing affected fairways due to the early snowfall. David Fern reported the simulator has been pretty busy.
 - b. [Qualchan](#) – Rob Decker reports the tees and greens are looking good; they are cleaning up the shop; they will begin cleaning brush and removing a few dead trees. Mark Gardner is excited to “see” the completion of the window installation.

- c. Indian Canyon – Josh Hardy reports with 95 days of snow cover, they did one to two applications of fungicide, but only six fairways have been sprayed with no end in sight and anticipates some turf damage. Urban Forestry and the fire department has been onsite attempting to mitigate the dead standing trees. The cross-country ski trails have been closed most of the winter due to machine breakdowns and lack of snow on the trail itself. Doug Phares has been running the simulator in both the pro shop and teaching facility.
 - d. Esmereida – Mike Vandenburg reports the removal of one wind-damaged and two dead trees. Urban Forestry has approved the removal of a few more trees for playability when feasible. Rob Sanders reports two simulators are full Tue-Sat. Simulator leagues will wrap up the end of the month.
4. Other: Jason Conley stated that as of Friday, the State Auditor, who routinely audits Golf, gave a glowing review on the accounting process and wanted to acknowledge Meghan Dyson, Sarah Johnson and the golf pros who prep the paperwork. This was not always the case with golf. Golf is the number one revenue generator in the Parks Division. Gerry Sperling mentioned that there will be a shift in Park Board leadership with members moving to different committees. She indicated she will be leaving Golf to chair the Riverfront Park committee and it has been a joy working with Mark and his team. Nick Sumner will take over as chair of the Golf committee.

Adjournment: The meeting was adjourned at 9:13 a.m.

The next regularly scheduled meeting is 8 a.m. Tue., Mar. 7, 2023.

Spokane Park Board

Briefing Paper



Committee	N/A		
Committee meeting date	February 7, 2023		
Requester	Nick Hamad	Phone number: 509.363.5452	
Type of agenda item	<input type="radio"/> Consent	<input type="radio"/> Discussion	<input type="radio"/> Information <input checked="" type="radio"/> Action
Type of contract/agreement	<input type="radio"/> New	<input type="radio"/> Renewal/ext.	<input type="radio"/> Lease <input checked="" type="radio"/> Amendment/change order <input type="radio"/> Other
City Clerks file (OPR or policy #)	OPR 2023-0033		
Item title: (Use exact language noted on the agenda)	Spirit Pruners, LLC. Change Order # 1 / Downriver Golf Course Forest Health Management (\$88,650.00 plus tax)		
Begin/end dates	Begins: 02/09/2023	Ends: 06/01/2023	<input type="checkbox"/> Open ended
Background/history:	<p>Downriver Golf Course Forest Health Management Change Order #1 adds additional items as required to successfully complete project work within the available time, including:</p> <ol style="list-style-type: none"> 1. Add additional equipment (logging forwarders) & site protection (plywood & tires & labor) to allow contractor to transport logs and equipment on-site during non-freezing /soft ground conditions. 2. Add cutting, removal and disposal of (30) additional trees infected with pine beetles. These trees were discovered during a site walk conducted by Urban Forester, Superintendent, and Forester after all trees initially contracted for removal were felled. Additional trees require removal to limit beetle spread on course. 3. Add cutting, removal and disposal of (4) additional trees planned for removal near clubhouse. Adding these trees to project scope reduces overall tree removal impact on golf course by completing all planned work at one time. 		
Motion wording:	Move to approve Spirit Pruners, LLC. public works contract for the Downriver Golf Course Forest Health Management project in the amount of \$88,650.00 including tax.		
Approvals/signatures outside Parks:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
If so, who/what department, agency or company:			
Name: Kelly Chadwick		Email address: k@spiritpruners.com	Phone: 509.979.3496
Distribution:	Mark Poirier		
Parks – Accounting			
Parks – Sarah Deatrich			
Requester: Nick Hamad			
Grant Management Department/Name:			
Fiscal impact: <input checked="" type="radio"/> Expenditure	<input type="radio"/> Revenue		
Amount:	Budget code:		
\$85,050.00 (plus tax)	4600-55100-94000-56203		
\$3,600.00 (plus tax)	urban forestry budget code		
Vendor: <input checked="" type="radio"/> Existing vendor	<input type="radio"/> New vendor		
Supporting documents:			
<input checked="" type="checkbox"/> Quotes/solicitation (RFP, RFQ, RFB)	<input type="checkbox"/> W-9 (for new contractors/consultants/vendors)		
<input checked="" type="checkbox"/> Contractor is on the City's A&E Roster - City of Spokane	<input type="checkbox"/> ACH Forms (for new contractors/consultants/vendors)		
<input checked="" type="checkbox"/> UBI: 604374569 Business license expiration date: 11/30/23	<input type="checkbox"/> Insurance Certificate (min. \$1 million in General Liability)		

**CITY OF SPOKANE
PARKS AND RECREATION DEPARTMENT
CHANGE ORDER NO. 1**

NAME OF CONTRACTOR: SPIRIT PRUNERS, LLC.

PROJECT TITLE: DOWNRIVER GOLF COURSE FOREST HEALTH
MANAGEMENT PROJECT

CITY CLERK CONTRACT NUMBER: OPR 2023-0033

<u>DESCRIPTION OF CHANGE:</u>	<u>AMOUNT:</u>
Add logging forwarder & plywood for working in warm/soft ground conditions	\$38,000.00
Add (30) additional infected trees ID'd by owner after initial removals	\$51,750.00
Add (4) additional trees planned for removal adjacent clubhouse	\$ 3,600.00
Mobilization credit for removing additional infected trees during active work	(\$4,700.00)
TOTAL AMOUNT: \$88,650.00	

CONTRACT SUM (EXCLUDE SALES TAX)	
ORIGINAL CONTRACT SUM (INCLUDE ALTERNATES)	\$302,000.00
NET AMOUNT OF PREVIOUS CHANGE ORDERS	\$ 0,000.00
CURRENT CONTRACT AMOUNT	\$302,000.00
CURRENT CHANGE ORDER (EXCLUDES SALES TAX)	\$ 88,650.00
REVISED CONTRACT SUM	\$390,650.00

CONTRACT COMPLETION DATE	
ORIGINAL CONTRACT COMPLETION DATE	February 22, 2023
CURRENT COMPLETION DATE	February 22, 2023
REVISED COMPLETION DATE	March 3, 2023

Contractor's Acceptance: _____ Date: _____

City Approval: _____ Date: _____

Attest: _____ City Clerk

Approved as to form: _____ Assistant City Attorney

























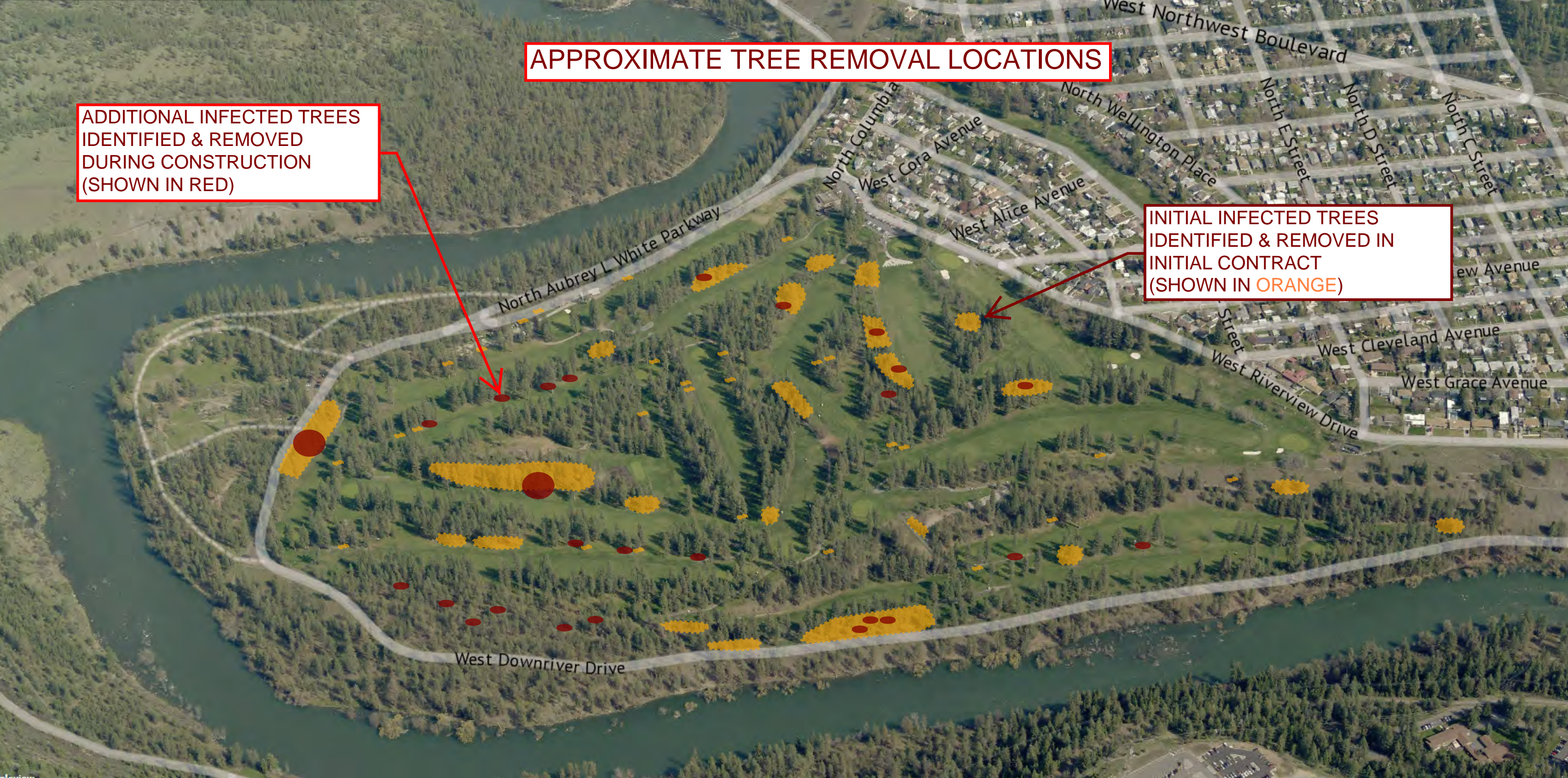


APPROXIMATE TREE
REMOVAL LOCATION

APPROXIMATE TREE REMOVAL LOCATIONS

ADDITIONAL INFECTED TREES IDENTIFIED & REMOVED DURING CONSTRUCTION (SHOWN IN RED)

INITIAL INFECTED TREES IDENTIFIED & REMOVED IN INITIAL CONTRACT (SHOWN IN ORANGE)



















Spokane Park Board

Briefing Paper



Committee	Golf														
Committee meeting date	Feb. 7, 2023														
Requester	Mark Poirier	Phone number: 509.625.4653													
Type of agenda item	<input type="radio"/> Consent	<input type="radio"/> Discussion	<input type="radio"/> Information <input checked="" type="radio"/> Action												
Type of contract/agreement	<input type="radio"/> New	<input type="radio"/> Renewal/ext.	<input type="radio"/> Lease <input type="radio"/> Amendment/change order <input checked="" type="radio"/> Other												
City Clerks file (OPR or policy #)															
Item title: (Use exact language noted on the agenda)	2023 Golf/Parks chemical/fertilizer value blanket														
Begin/end dates	Begins: 03/01/2023	Ends: 02/28/2024	<input type="checkbox"/> Open ended												
<p>Background/history: This annual bid goes out to distributors each spring, for various turf chemicals used throughout of Golf and Parks systems. With new products, rising shipping/fuel/fertilizer costs, this gives Golf and Parks the best chance to acquire the lowest prices. This value blanket also locks us in for a year to help with consistent pricing for budgetary purposes.</p> <p>Attached is a tabulation sheet for these quotes as prepared by City Purchasing Department using required purchasing guidelines.</p>															
<p>Motion wording: To approve the Golf/Parks chemical/fertilizer value blanket for 2023 for an amount NTE (\$260,000)</p>															
<p>Approvals/signatures outside Parks: <input checked="" type="radio"/> Yes <input type="radio"/> No If so, who/what department, agency or company: Name: _____ Email address: _____ Phone: _____</p>															
<p>Distribution: Parks – Accounting Parks – Sarah Deatrich Requester: Mark Poirier Grant Management Department/Name: _____</p> <p style="text-align: right;">Thea Prince - City Procurement</p>															
<p>Fiscal impact: <input checked="" type="radio"/> Expenditure <input type="radio"/> Revenue</p> <table border="0"> <tr> <td>Amount:</td> <td>Budget code:</td> <td></td> <td></td> </tr> <tr> <td>NTE (\$TBA)</td> <td>4600-55200-76680-53201</td> <td>4600-55300-76680-53201</td> <td></td> </tr> <tr> <td></td> <td>4600-55400-76680-53201</td> <td>4600-55500-76680-53201</td> <td></td> </tr> </table>				Amount:	Budget code:			NTE (\$TBA)	4600-55200-76680-53201	4600-55300-76680-53201			4600-55400-76680-53201	4600-55500-76680-53201	
Amount:	Budget code:														
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	4600-55400-76680-53201	4600-55500-76680-53201													
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			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
			2103 185th Street	4004 E Francis Ave	6422 E 2nd Ave	4802 N Florida st	12001 E EMPIRE AVE	11600 NE Marx St	3718 E Decatur Ave
			Fairfield, IA 52556	Spokane WA 99217	Spokane WA 99212	Spokane, WA 99217	Spokane Valley, WA 99206	Portland OR 97220	Spokane, WA 99217
			VB#	VB#	VB#	VB#	VB#	VB#	VB#
			xavier@soiltechcorp.com	nick.newman@horizononline.com	jordan@planeturfusa.com	conciennec@helenaagri.com	bradford@wilburellis.com	jacob.close@simplot.com	Mromanelli@siteone.com
Reference Number	Description	UOM	(641) 472-6189	(208)929-2522	(816) 217-7363	(509)795-9175	(509) 994-4735	(425) 293-9773	(509) 379-4316
Fertilizers									
1	0-0-50 Sop mini	50 lb bag		\$49.25			\$37.97		\$41.52
2	11-11-11 Pro Peat	50 lb bag			\$35.00				
3	16-16-16 Standard Grade	50 lb bag		\$32.25	\$32.00	\$25.00	\$36.38	\$45.59	\$29.33
4	Earthworks Replenish 5-4-5 greens grade	50 lb bag					\$35.00		
5	Earthworks Replenish 10-2-5 greens grade	50 lb bag					\$41.00		
6	Earthworks Myco-Replenish 3-3-3 greens grade	50 lb bag					\$38.00		
7	Earthworks Replenish 16-0-5 standard grade	50 lb bag					\$60.00		
8	Earthworks Replenish 8-2-2 standard grade	50 lb bag					\$25.00		
9	Helena Pro Mate 23.9-11.7-3.8 standard grade	50 lb bag				\$42.36			
10	Best 28-3-6 80%MU 1.25% mini	50 lb bag						\$52.89	
11	Nucleus 0-0-21	5 gal				\$75.00			
12	Hydra-Hume 0-0-1	5 gal				\$75.00			
13	Super Trace 2-0-4 6%FE	2.5 gal					\$59.37		
14	28-0-0 liquid w/MU	2.5 gal			\$30.00	\$35.63			
15	43-0-0 Gal-Xe Standard Grade	50 lb bag					\$46.00	\$69.85	
16	25-0-10 w/slow release	50 lb bag		\$30.75		\$26.00	\$30.59		\$19.95

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
17	46-0-0 Umaxx Mini	50 lb bag					\$52.73	\$59.65	
18	46-0-0 Urea Solution Grade	50 lb bag		\$35.75	\$35.00	\$26.00	\$24.70	\$35.87	\$33.32
19	Ammonium Sulfate 21-0-0 Solution Grade	50 lb bag		\$22.50	\$30.00	\$23.47	\$24.59	\$29.85	
20	ASN 26-0-0 Best FusN	50 lb bag						\$38.87	
21	Liquid K, no Cl	2.5 gal			\$50.00		\$37.62	\$94.00	
22	25-3-15 Mini Eagle Wilgro plus Infiltrate	50 lb bag					\$45.69		
23	25-3-15 Mini Eagle Wilgro	50 lb bag					\$46.69		
24	Micro Sea	2.5 gal			\$88.00				
25	Andersons 18-0-4 w/Dimension	50 lb bag					\$40.29		
26	Humic Acid 60%+	50 lb bag			\$31.50	\$60.00			
27	12-8-16 pro-prills Best Mini Sgn	50 lb bag					\$42.29	\$29.89	
28	Fulvic Acid liquid	2.5 gal			\$19.00	\$375.00	\$80.75		\$149.00
29	Microgreens 10-4-16 Best greens grade	50 lb bag					\$49.43	\$49.42	
30	ORO-RZ	2.5 gal			\$187.50				
31	Perfect Blend Organics 4-4-4 sgn 150	50 lb bag			\$34.00	\$29.70	\$29.00		\$24.41
32	21-3-5 w/Surge	50 lb bag				\$42.00		\$52.35	
33	Andersons 16-0-9 w/Surge Mini	40 lb bag					\$33.94		
34	Wil-Gro Long Distance 25-4-12	50 lb bag					\$42.00		
35	Perfect Blend Organics 4-4-2 sgn 100	50 lb bag			\$34.48	\$28.91	\$28.47		
36	Andersons DG 12-3-12 greens grade	40 lb bag					\$68.73		
37	Andersons DG 14-7-14 greens grade	40 lb bag					\$75.78		
38	Surface MVP Infield Conditioner	50 lb bag		\$16.61		\$13.70	\$17.65	\$18.95	\$35.00

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
39	SuperCal SO4 standard sgn plus Infiltrate	50 lb bag					\$17.00		
40	SuperCal SO4 standard sgn	50 lb bag					\$16.00		
41	Tru Gyp prilled standard sgn 210	50 lb bag						\$14.75	
42	Amend Simplot	260 gal							
43	Amend Simplot	2.5 gal							
Grass Seed									
1	Alpha Bentgrass non coated	25 lb bag				\$275.00	\$269.25		\$235.05
2	Pure Distinction Bentgrass non coated	25 lb bag			\$467.00	\$418.75	\$500.00	\$475.00	\$526.82
3	L-93 XD Bentgrass non coated	25 lb bag				\$325.00	\$322.75	\$350.00	\$290.75
4	Turf-Type Tall Fescue	50 lb bag		\$113.00	\$80.00	\$97.00	\$102.94	\$154.12	
5	TTTF(85-95%)/KBG(5-15%) mix	50 lb bag		\$125.00		\$105.00	\$113.38		
6	(70/80%) KBG (30/20%) PRG	50 lb bag		\$150.00		\$175.00	\$139.82		
7	Regenerating Perennial Ryegrass Certified non coated	50 lb bag			\$125.00	\$138.00	\$122.79	\$165.25	
8	Regenerating Perennial Ryegrass Certified	50 lb bag				\$156.25			
Fungicides									
1	Headway G	30 lb bag				\$59.76	\$68.70	\$79.80	\$65.12
2	Turfcide 10G	50 lb bag				\$134.50	\$141.00	\$135.44	\$134.50
3	Affirm	2.4 lb bag				\$265.92	\$664.80	\$267.78	\$265.92
4	Chipco 26019	2.5 gal				\$158.70	\$191.00	\$207.25	\$173.65
5	Dorado	2 gal				\$163.52	\$157.64	\$204.50	
6	Fame + C (AGENCY)	2.5 gal				\$512.50	\$692.95	\$564.00	\$512.50
7	Insignia Sc Intrinsic (AGENCY)	30.5 oz				\$542.29	\$516.37	\$461.93	\$516.37
8	Previa	2.5 gal				\$110.00	\$85.29	\$125.85	

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
9	Instrata (Volume Order >25 gals) (AGENCY)	2.5 gal				\$382.66	\$382.70	\$382.66	\$382.70
10	Turfcide 400 PCNB	2.5 gal			\$171.50	\$171.75	\$180.37	\$172.95	\$171.75
11	Velista (AGENCY)	22 oz				\$265.85	\$265.98	\$265.85	\$265.98
12	Premion	2.5 gal				\$218.40	\$218.40	\$219.93	
13	Signature XTRA STRESSGUARD (AGENCY)	5.5 lb				\$207.41	\$191.56	\$191.58	\$191.58
14	Maxtima (AGENCY)	26 oz				\$226.98	\$214.76	\$214.76	\$214.76
15	Tekken	2.5 gal				\$412.50	\$412.50	\$412.50	\$412.50
16	Navicon (AGENCY)	37 oz				\$543.16	\$517.26	\$517.26	\$517.26
17	Secure Action (AGENCY)	0.5 gal				\$413.37	\$413.38	\$413.37	\$413.38
18	Segway SC	39.2 oz				\$436.10	\$436.10	\$436.10	\$436.10
19	Union SC	2.5 gal				\$700.75	\$700.75	\$700.75	\$700.75
20	Appear II (AGENCY)	2 gal				\$362.52	\$362.52	\$362.52	\$362.52
21	Pedigree SC	2.5 gal				\$851.63	\$851.62	\$851.63	\$851.63
22	Densicor (AGENCY)	51 oz				\$730.08	\$677.91	\$730.08	\$677.91
23	Subdue Maxx (AGENCY)	1 gal				\$586.07	\$586.08	\$586.07	\$586.08
24	Posterity XT (AGENCY)	2.5 gal				\$614.27	\$614.30	\$614.27	\$614.30
25	Serata (AGENCY)	35 oz				\$440.00	\$478.33	\$475.00	\$440.00
26	Ascernity (AGENCY)	1 gal				\$476.31	\$476.32	\$476.31	\$476.32
Generic Fungicides (any brand)									
1	Chlorothalonil	2.5 gal		\$100.00	\$82.00	\$85.00	\$87.00	\$129.95	\$78.38
2	Propiconazole 14.3%	2.5 gal		\$280.00		\$175.00			\$158.99
3	Iprodione	2.5 gal		\$270.00	\$200.00	\$158.70			\$155.74
4	Fluazinam	1 gal		\$424.00	\$246.00				
5	Tebuconazole	1 gal		\$103.00	\$56.25	\$65.00		\$120.25	\$65.55
6	Thiophanate-Methyl	2.5 gal		\$173.00	\$140.00	\$102.50		\$198.85	\$111.54
7	Prohexadione calcium 27.5%	1 lb			\$65.00	\$68.00			
8	Trinexapac ethyl 11.3%	1 gal		\$145.00	\$120.00	\$105.00		\$204.18	\$102.79
9	Ethephon 21.7%	2.5 gal		\$90.00	\$83.00	\$89.20			\$76.58
10	Azoxystrobin 50 WDG	1 lb		\$125.00		\$117.00			\$350.00
Wetting Agents									
1	Aristocracy	2.5 gal				\$175.00			
2	Duplex	20 gal			\$829.00		\$829.60		
3	Rely III	2.5 gal						\$220.00	
4	Rely III	30 gal						\$1,915.00	
5	Rely 2 (no longer available)	30 gal							
6	Dispatch Injectable	30 gal		\$1,180.00			\$1,237.50		\$1,237.50
7	Soaker +	2.5 gal				\$120.00			
8	Soaker +	30 gal				\$1,440.00			

			Soil Technologies Corp.	HORIZON DIST	PLANET TURF	Helena Agri-Enterprises	WILBUR ELLIS	SIMPLOT PARTNERS	SiteOne Landscape
9	Revolution	2.5 gal		\$288.00			\$313.50		\$313.50
10	Vivax	20 gal			\$1,504.60		\$1,504.60		
Herbicides									
1	Desperado	2.5 gal					\$196.77		
2	Battleship III	2.5 gal				\$187.50			
3	Defendor	32 oz			\$191.36	\$199.03	\$199.03	\$205.59	\$199.03
4	Specticle Total	144 oz				\$103.00	\$96.65		
5	Dithiopyr 20-25%	2.5 gal				\$577.88	\$554.35		\$577.88
6	GameOn	2.5 gal				\$146.63	\$146.62		\$146.63
7	On Deck	2.5 gal				\$150.00			
8	Sublime	2.5 gal			\$345.00	\$345.00			\$345.00
9	Glyphosate 41%	2.5 gal			\$110.00	\$82.50	\$50.45	\$108.99	\$102.81
10	Drive XLR8	.5 gal				\$62.00	\$53.30	\$61.55	\$53.97
11	Crew	50 lb bag				\$110.00	\$110.00	\$117.25	
12	Surge	2.5 gal		\$157.00		\$197.00	\$203.00	\$209.00	
13	Speedzone EW	2.5 gal		\$200.00		\$253.00	\$253.00	\$287.15	\$253.00
Other									
1	Podium	1 gal				\$152.00	\$157.64	\$194.34	\$171.69
2	In-Place	2.5 gal					\$148.95		
3	Castaway	50 lb			\$65.00		\$76.60		
4	Peaco peat moss hypnum peat	2.0 cbft					\$12.50		
5	Premier Pro Mix HP w/Mycorrhizae	3.8 cbft					\$43.81		
6	Premier Pro Mix HP	3.8 cbft					\$42.00		
7	Bac-Pack, Soil Tech Corp	2.5 gal	\$640.61						\$432.88
8	Anuew	1.5 lb				\$118.20	\$118.20	\$124.75	\$118.20
9	Quanta	2.5 gal				\$156.25			
10	New Balance	1 gal							
11	DuraPhite 12	2.5 gal						\$146.75	
12	Oskie	2.5 gal				\$159.20			
13	Transition HC pigment	1 gal				\$165.00	\$123.50		

Golf Irrigation Water Use

2022 Update



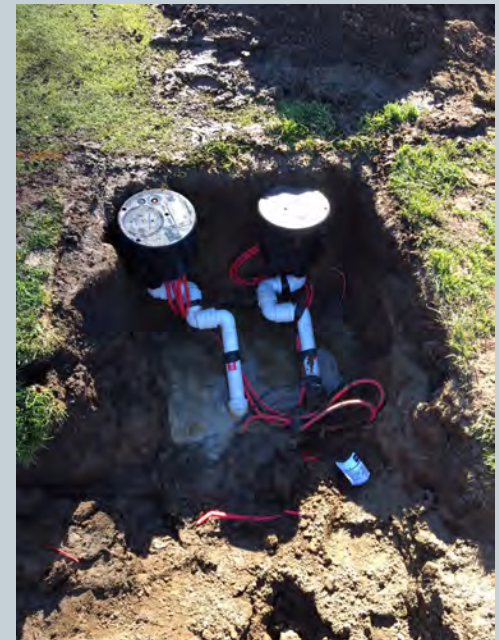
Progress

Improve Turf, Reduce Maintenance, Reduce Water Use

- Eliminate Manual Watering (Ezzy / Canyon)
- Concentrate SIP improvements 'on-course'
- Combine Downriver Stormwater & Irrigation into (1) project to reduce impact on players, avoid street project

Project Components

New Pipe / Weather Stations / New Heads



Isolation & Control

Control for each portion of the course



heads covering surround

heads covering green

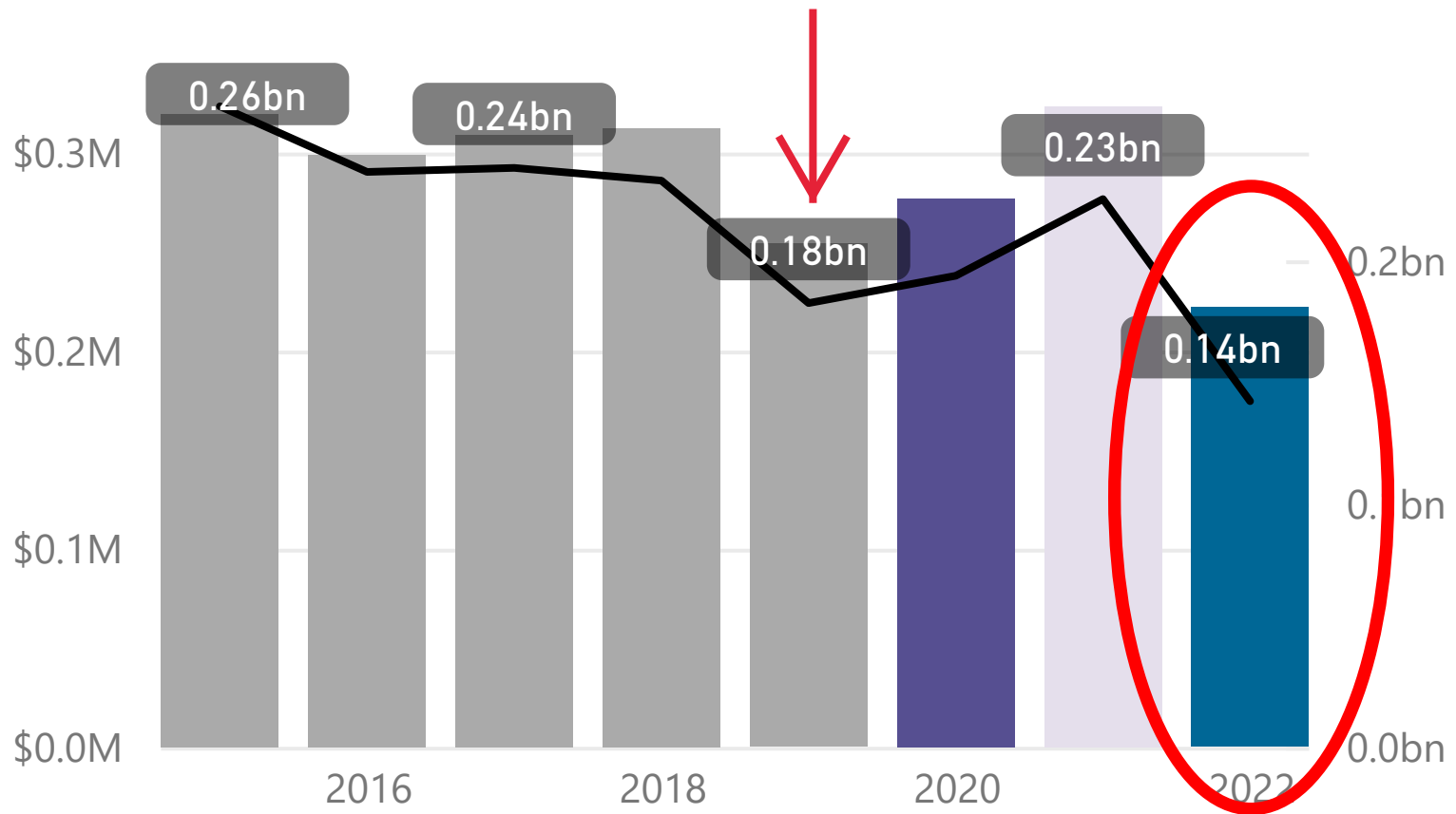


Automation



Usage Update

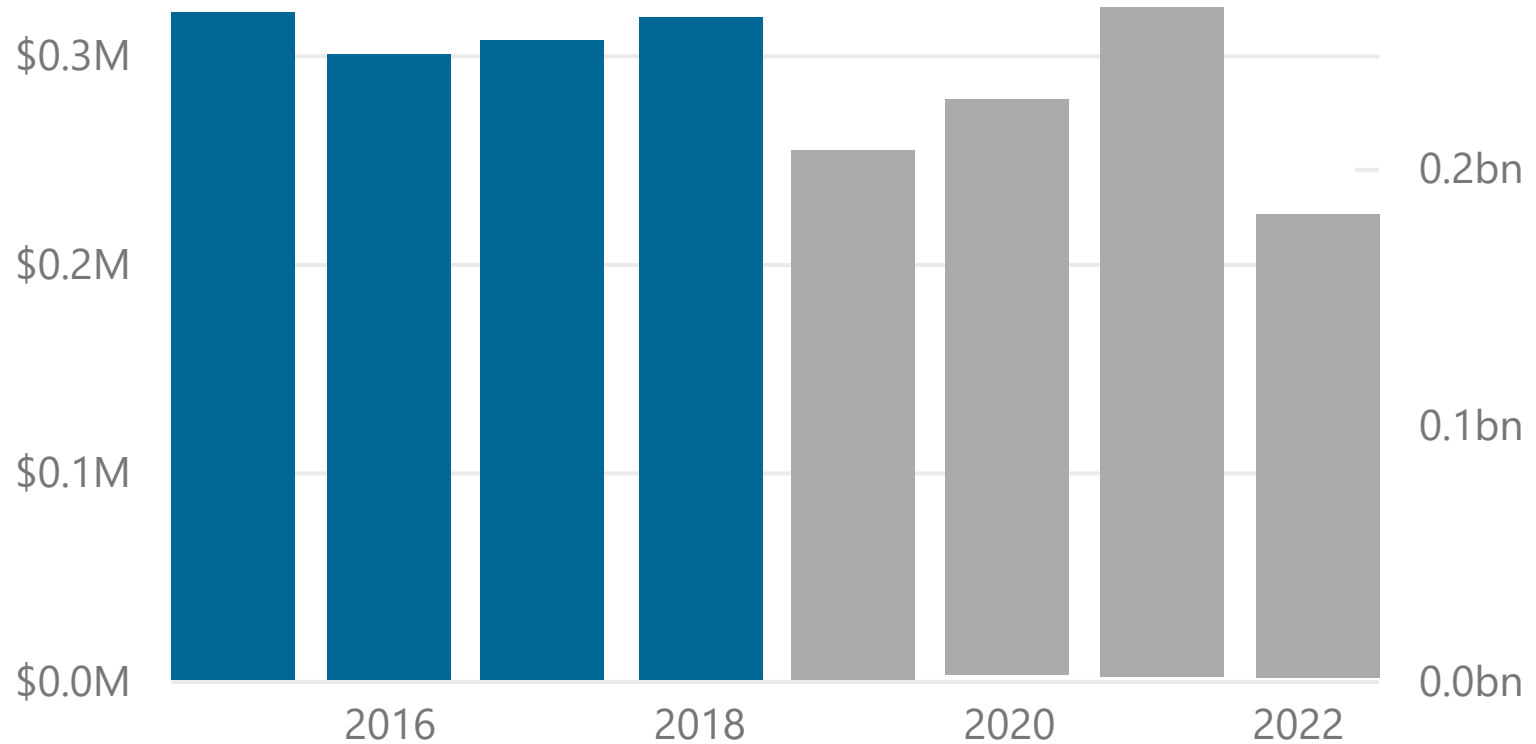
All Courses



Usage Update

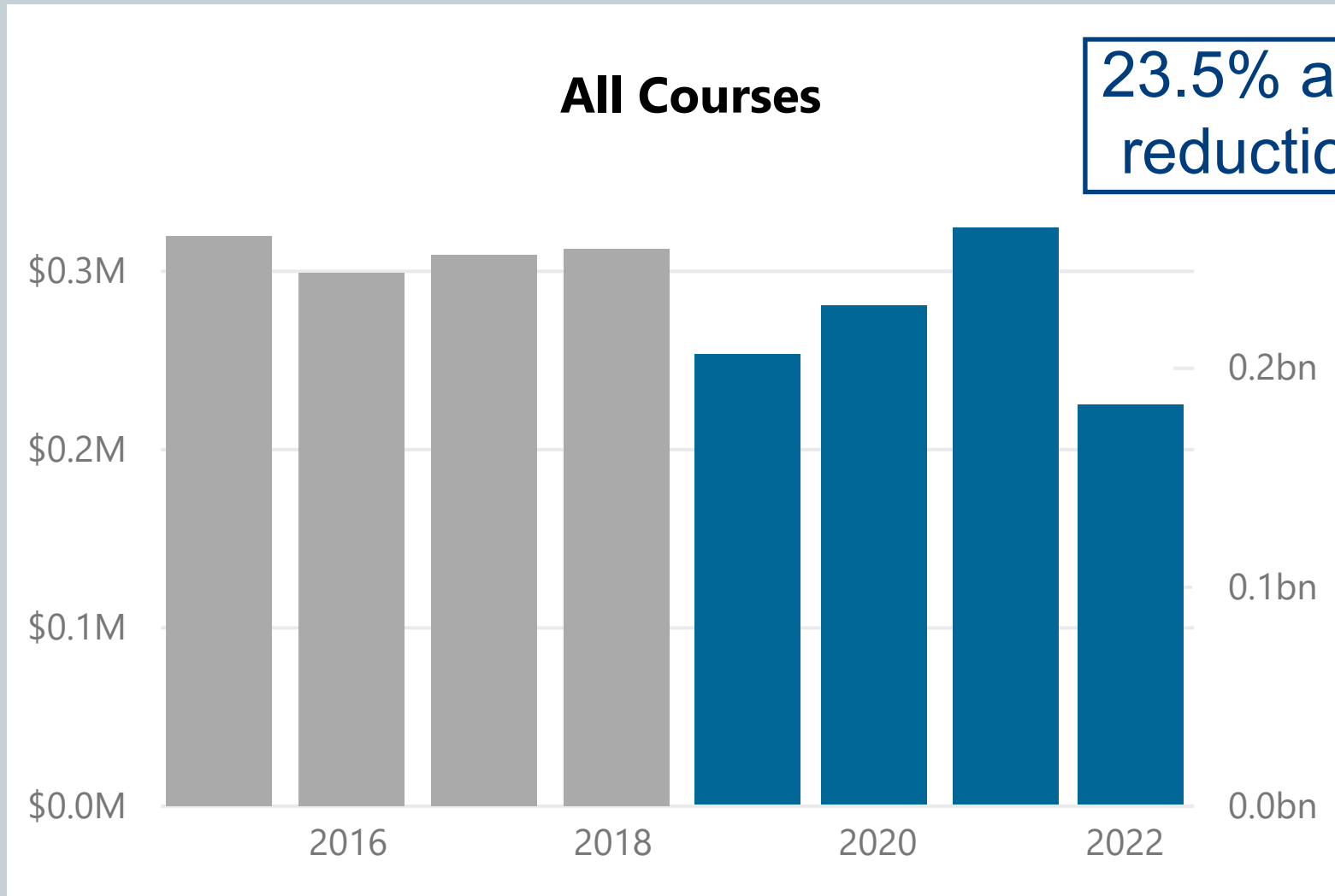
Pre-construction Avg. 242.5mg / yr

All Courses



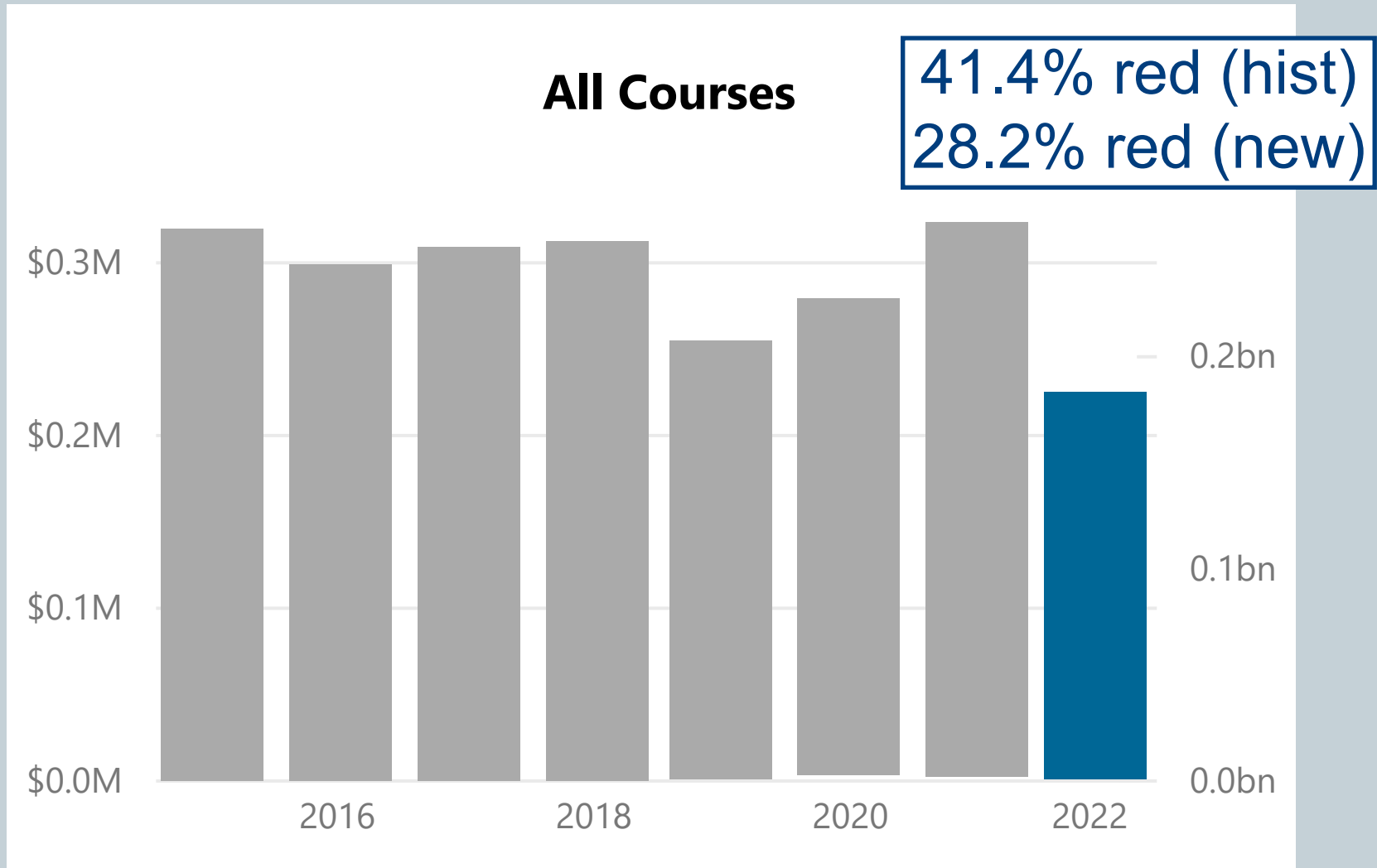
Usage Update

Construction Avg. 185.98 mg / yr



Usage Update

2022 use - 150.9mg



Course Savings

2022 use by course & reduction from avg

- Canyon: 32.6 mg (42% / 20%r)
- Esmeralda: 37.4 mg (36%r / 28%r)
- Downriver: 28.4 mg (48%r)
- Qualchan: 52.5 mg (12%r)

In 2022

48.4 mg less than recent avg

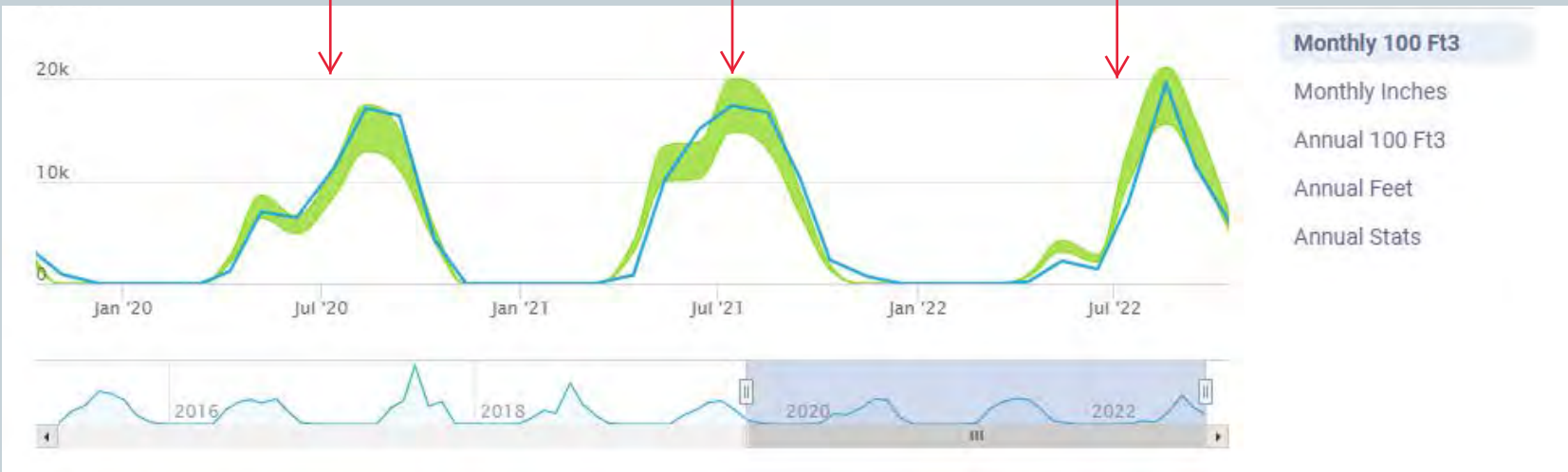
78.2 mg less than pre-construction

Gallons per Acre

2022 gallons per acre used

- Canyon: 455,300 gal / acre
- Esmeralda: 477,000 gal / acre
- Downriver: 390,000 gal / acre*
- Qualchan: 569,000 gal/acre

Course Savings Efficiency Vs. Total Use



Course Savings

2022 use by course & projected water discount

- Canyon: 32.6 mg ~18% discount (\$10-\$12k)
- Esmeralda: 37.4 mg ~ 7% discount (4k - \$6k)
- Downriver: 28.4 mg ~29% discount (\$9-\$25k)

- Qualchan: 52.5 mg no discount



Discussion Items

February 2023 Golf Committee

~Mark Poirier



2022 Player No show Data

- On May 2022, the no show feature for *online bookings* went into effect. A \$30 fee has been charged to players failing to show up to their tee time, without canceling or modifying, prior to checking in.
 - May – 24.....(\$720)
 - June – 41.....(\$1230)
 - July – 63.....(\$1890)
 - August – 57.....(\$1710)
 - September – 64....(\$1920)
 - October – 18..... (\$540)
- Total no show fee revenue for 2022 = **\$8,010**

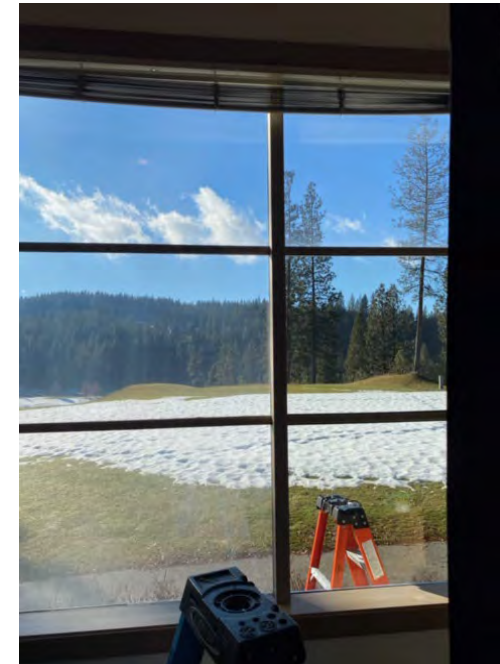


How much did it save us?

- Using *The Creek at Qualchan* as our standard for comparison.
- Past 3 year average (2019-2021) # of no shows = 2,500
- Last year's (2022) # of now shows = 1,500
 - 1,000 rounds X \$30 (average fee) = \$30,000
 - \$30,000 savings per course X 4 = ***\$120,000***
 - \$120,000 savings + \$8,000 fees = ***\$128,000 net savings to Golf Fund!***

Qualchan clubhouse window project

- Contracted with AAA Glass – To replace 40 windows on Qualchan Clubhouse
 - Begin date: October 17, 2022 Contract extension – End date: March 1, 2023
 - **Expected completion date: February 6, 2023*






Esmeralda
GOLF COURSE


Downriver
GOLF COURSE


Indian Canyon
GOLF COURSE


Qualchan
GOLF COURSE

All windows will be low-E. Low-E stands for “low emissivity”. Low-E windows contain glass that has been coated in invisible layers of metallic oxide. This coating allows natural light to enter, while deflecting UV rays and infrared light back out to the environment. Windows that face south/west will also have a slight tint.

