

**SUMMARY  
Golf Courses**

Date: 10/01/08

Priority No.	Project No.	Project Title	Page No.	Funding Source	Estimated Total Cost	SCHEDULE OF PLANNED CIP EXPENDITURES							
						2008/09	2009/10	2010/11	2011/12	2012/13	2013/14		
<b>CIP Projects</b>													
1	490201	Renovate Tees, Greens, and Bunkers	222	GCRB	60,000	60,000	-	-	-	-	-	-	-
				RB-GC	1,920,000	-	1,920,000	-	-	-	-	-	-
2	490019	Fiberlink Cable Inst/Maintenance Complex	223	GCRB	50,000	-	50,000	-	-	-	-	-	-
3	490030	Landscape Improvements	224	GCRB	130,000	25,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
4	490028	Municipal Clubhouse Air Conditioning Units	225	GCRB	35,000	-	35,000	-	-	-	-	-	-
5	490016	Global Positioning System (GPS)	226	GCRB	30,000	-	-	30,000	-	-	-	-	-
6	490058	Cart Storage Barn Awning and Drainage	227	GCRB	35,000	-	35,000	-	-	-	-	-	-
7	490014	Clubhouse/Driving Range/Parking Renovations	228	GCRB	98,800	-	49,400	49,400	-	-	-	-	-
				RB-GC	3,000,000	-	-	-	3,000,000	-	-	-	-
		<b>Projects Sub Totals</b>			5,358,800	85,000	2,114,400	99,400	3,020,000	20,000	20,000	20,000	20,000
<b>CIP Vehicle/Heavy Equipment</b>													
1	V49002	Triplex Green / Tee Mower (R)	229	GCRB	278,000	48,000	51,000	-	56,000	60,000	60,000	63,000	63,000
2	V49003	Trap Rake (R)	230	GCRB	65,000	14,000	-	-	16,000	17,000	17,000	18,000	18,000
3	V49004	Tractors (R)	231	GCRB	103,000	21,000	-	23,000	24,000	35,000	35,000	-	-
4	V49011	Spray Unit Vehicles (R)	232	GCRB	128,000	27,000	66,000	-	-	-	-	35,000	35,000
5	V49012	3100D Triplex Slope Mower (R)	233	GCRB	91,000	27,000	-	29,000	-	-	-	35,000	35,000
6	V49013	Rotary Mower (R)	234	GCRB	72,000	-	24,000	20,000	-	-	-	28,000	28,000
7	V49015	Self-Contained Fairway Unit (R)	235	GCRB	101,000	-	48,000	-	53,000	-	-	-	-
8	V49016	Fertigation Tank (R)	236	GCRB	10,000	-	-	10,000	-	-	-	-	-
9	V49017	Gang Mower Units (R)	237	GCRB	52,000	-	-	-	29,000	23,000	-	-	-
10	V49026	Chemigation Tank (R)	238	GCRB	14,000	-	-	14,000	-	-	-	-	-
11	V49035	Rock Picker (R)	239	GCRB	17,000	-	-	-	-	-	-	-	17,000

**SUMMARY  
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Priority No.	Project No.	Project Title	Page No.	Funding Source	Estimated Total Cost	SCHEDULE OF PLANNED CIP EXPENDITURES						
						2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	
12	V49036	Lake Aerators (R)	240	GRRR	15,000	-	-	15,000	-	-	-	
13	V49046	Aerification Units (R)	241	GRRR	70,000	-	24,000	18,000	-	28,000	-	
14	V49059	Wood Chipper	242	GRRR	16,000	-	-	16,000	-	-	-	
15	V49069	Bedknife Grinder	243	GRRR	22,000	-	-	-	-	-	22,000	
<b>Vehicle Sub Totals</b>					1,054,000	137,000	213,000	145,000	178,000	163,000	218,000	
<b>Grand Total</b>					6,412,800	222,000	2,327,400	244,400	3,198,000	183,000	238,000	
<b>Totals by Funding Source</b>												
					GRRR	1,492,800	222,000	407,400	244,400	198,000	183,000	238,000
					RB-GC	4,920,000	-	1,920,000	-	3,000,000	-	-

## CIP Project Request

**Project Title** Renovate Tees, Greens, and Bunkers **Date:** 10/01/08  
**Priority:** 1  
**Project #:** 490201

**Location** Municipal Championship Golf Course **Contact Person(s)**  
Greg Jerolaman  
**Department** RECREATION SERVICES

**Project Description**  
 This project will design and renovate all tees and greens, greens irrigation, bunkers and cart paths at the Municipal Championship Course. Make necessary repairs/widening and repaving cart paths, as necessary. Renovations to be completed in FY 09/10.

**Project Justification**  
 Over the years, greens have become contaminated with fairway grasses, as it creeps onto the greens which negatively affects putting quality . Also, due to compaction, the soil mixture changes reduce the effectiveness of drainage necessary to maintain quality greens. New greens require new irrigation, as a preventative maintenance component, to avoid doing damage on a new green by having to fix an old (1984) irrigation system due to age failures and to ensure turf health.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6381	60,000	1,920,000	-	-	-	-
<b>Total</b>	60,000	1,920,000	-	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Renovation	60,000	1,860,000	-	-	-	-	1,920,000
Project Admin.	-	60,000	-	-	-	-	60,000
<b>Total</b>	60,000	1,920,000	-	-	-	-	1,980,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	60,000	-	-	-	-	-	60,000
RB-GC	-	1,920,000	-	-	-	-	1,920,000
<b>Total</b>	60,000	1,920,000	-	-	-	-	1,980,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

## CIP Project Request

**Project Title** Fiberlink Cable Inst/Maintenance Complex **Date:** 10/01/08  
**Priority:** 2  
**Project #:** 490019

**Location** Municipal Golf Course **Contact Person(s)**  
Greg Jerolaman  
**Department** RECREATION SERVICES

**Project Description**  
 Installation of all fiber, conduit and all related hardware and software necessary to link the Maintenance Facility to the clubhouse in order to access the City's computer network.

**Project Justification**  
 This underground fiberlink cable installation is necessary in order for the Golf Course Superintendent and Assistant Superintendent to take full advantage of the City's electronic availability of e-mail, file storage and Halogen from their offices. Additionally it will enable golf course maintenance staff to utilize Kronos timekeeping for the first time, as well as, the ability to access e-mail and Halogen from their work location.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6406	-	50,000	-	-	-	-
<b>Total</b>	-	50,000	-	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Technology Upgrades	-	50,000	-	-	-	-	50,000
<b>Total</b>	-	50,000	-	-	-	-	50,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	50,000	-	-	-	-	50,000
<b>Total</b>	-	50,000	-	-	-	-	50,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	9,700	-	-	-	-	9,700
Other Operating	-	900	-	-	-	-	900
Personnel	-	-	-	-	-	-	-
Supplies	-	500	-	-	-	-	500
<b>Total</b>	-	11,100	-	-	-	-	11,100

## CIP Project Request

**Project Title** Landscape Improvements **Date:** 10/01/08  
**Priority:** 3  
**Project #:** 490030

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Greg Jerolaman

**Project Description**  
 Replace trees and shrubs and landscape plants.

**Project Justification**  
 Re-landscaping is significantly important to maintain customer service and encourage and promote golf at a beautiful course. This project has been recommended by the Golf Course Task Force.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6301	25,000	25,000	20,000	20,000	20,000	20,000
<b>Total</b>	25,000	25,000	20,000	20,000	20,000	20,000

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Landscape Improvements	25,000	25,000	20,000	20,000	20,000	20,000	130,000
<b>Total</b>	25,000	25,000	20,000	20,000	20,000	20,000	130,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	25,000	25,000	20,000	20,000	20,000	20,000	130,000
<b>Total</b>	25,000	25,000	20,000	20,000	20,000	20,000	130,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

## CIP Project Request

**Project Title** Municipal Clubhouse Air Conditioning Units **Date:** 10/01/08  
**Priority:** 4  
**Project #:** 490028

**Location** Municipal Golf Course **Contact Person(s)**  
Greg Jerolaman  
**Department** RECREATION SERVICES

**Project Description**  
 Replacement of two 10-ton roof mounted air conditioning units at Municipal Golf Course Clubhouse.

**Project Justification**  
 Current units were installed in FY 99/00. Service company assessment in FY 06/07 estimates three years additional lifespan.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6406	-	35,000	-	-	-	-
<b>Total</b>	-	35,000	-	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment	-	35,000	-	-	-	-	35,000
<b>Total</b>	-	35,000	-	-	-	-	35,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GRR	-	35,000	-	-	-	-	35,000
<b>Total</b>	-	35,000	-	-	-	-	35,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

## CIP Project Request

**Project Title** Global Positioning System (GPS) **Date:** 10/01/08  
**Priority:** 5  
**Project #:** 490016

**Location** Municipal Golf Course **Contact Person(s)**  
Greg Jerolaman  
**Department** RECREATION SERVICES

**Project Description**  
 In FY 10/11 replace FY 05/06 portable GPS units for all golf carts at the Municipal Golf Course.

**Project Justification**  
 Portable GPS units have enabled golfers to know the precise distance they are to the center of the green, which has led to improved pace and quality of play. GPS systems have been commonplace at higher-end, publicly accessible golf courses for over ten years, and as they have only recently become much more affordable, GPS represents the wave of the future and will be an expectation of golfing patrons in an increasingly competitive market place. Units have an anticipated 5-year lifespan.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6406	-	-	30,000	-	-	-
<b>Total</b>	-	-	30,000	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	30,000	-	-	-	30,000
<b>Total</b>	-	-	30,000	-	-	-	30,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	30,000	-	-	-	30,000
<b>Total</b>	-	-	30,000	-	-	-	30,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-



### CIP Project Request

**Project Title** Clubhouse/Driving Range/Parking Renovations **Date:** 10/01/08  
**Priority:** 7  
**Project #:** 490014

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Greg Jerolaman

**Project Description** Create new clubhouse, cart barn and parking lot; expand and renovate driving range; create new putting green and green pitching areas. Start with design in FY 09/10 and construction in FY 11/12.

**Project Justification** Facilities, built in 1981, are inadequate for today's needs. Renovations are necessary to keep up with competition, and generate new revenues. The Municipal Golf Course facilities will have to be kept up to date.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6406	-	49,400	49,400	3,000,000	-	-
<b>Total</b>	-	49,400	49,400	3,000,000	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Design/Specification	-	49,400	49,400	-	-	-	98,800
Renovation	-	-	-	2,851,800	-	-	2,851,800
Project Admin	-	-	-	148,200	-	-	148,200
<b>Total</b>	-	49,400	49,400	3,000,000	-	-	3,098,800

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	49,400	49,400	-	-	-	98,800
RB-GC	-	-	-	3,000,000	-	-	3,000,000
<b>Total</b>	-	49,400	49,400	3,000,000	-	-	3,098,800

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-





**CIP Vehicle/Heavy Equipment Request**

**Project Title** Tractors (R) **Date:** 10/01/08  
**Priority:** 3  
**Project #:** V49004

**Location** Municipal and Red Reef Golf Courses **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Replace tractors used for course maintenance. In FY 08/09 replace FY 98/99 tractor, #1382; in FY 10/11 replace FY 00/01 unit #1969, Red Reef; in FY 2011/12 replace FY 01/02 unit #8311, Municipal; in FY 12/13 replace FY 02/03 unit #8312. (with backhoe attachment)

**Project Justification**  
 These units are used on a daily basis to mow rough areas with the gang mowing units, haul trailers, spread fertilizer and do general course maintenance. The tractors must remain operational to maintain the scheduled mowing and maintenance of the golf courses. Scheduled replacement of the tractors is recommended every 10 years. However, the life of a tractor sometimes varies based on type of use, mowing, hauling, fertilization uses, maintenance, etc.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	21,000	-	23,000	24,000	35,000	-
<b>Total</b>	21,000	-	23,000	24,000	35,000	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	21,000	-	23,000	24,000	35,000	-	103,000
<b>Total</b>	21,000	-	23,000	24,000	35,000	-	103,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	21,000	-	23,000	24,000	35,000	-	103,000
<b>Total</b>	21,000	-	23,000	24,000	35,000	-	103,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title** Spray Unit Vehicles (R) **Date:** 10/01/08  
**Priority:** 4  
**Project #:** V49011

**Location** Municipal Golf Course and Red Reef Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Scheduled replacement of three self-contained utility spray vehicles. In FY 08/09 replace FY 03/04 200 gallon Red Reef unit #2351; in FY 09/10 replace FY 04/05 Municipal 200 gallon unit #1312; (\$27,000) and FY 01/02 Municipal 300 gallon unit #1311 (\$39,000). In FY 13/14 replace FY 08/09 200 gallon Red Reef unit #2351 B.

**Project Justification**  
 These vehicles are used daily to apply chemicals on greens, tees and in constricted, difficult to reach areas on the course. Each unit will also meet current chemical application requirements necessary for proper turf maintenance. Equipment needs replacement due to chemical corrosion of the vehicles and holding tanks. Chemical applications to greens, tees and fairways are an absolute must for the healthy operation of the golf courses.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	27,000	66,000	-	-	-	35,000
<b>Total</b>	27,000	66,000	-	-	-	35,000

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	27,000	66,000	-	-	-	35,000	128,000
<b>Total</b>	27,000	66,000	-	-	-	35,000	128,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	27,000	66,000	-	-	-	35,000	128,000
<b>Total</b>	27,000	66,000	-	-	-	35,000	128,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title** 3100D Triplex Slope Mower (R) **Date:** 10/01/08  
**Priority:** 5  
**Project #:** V49012

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Scheduled replacements of slope mowers: in FY 08/09 replace FY 03/04 unit #2422; in FY 10/11 replace FY 05/06 unit #2421B. In FY 13/14, replace FY 08/09 unit #2422 B.

**Project Justification**  
 These 4-wheel drive mowers provide the necessary traction for mowing steep sand bunker fingers, steep slopes and hills. Engine size and 4-wheel drive capabilities of the mower reduces scalping of the turf which enables better control of weeds and pests and better turf quality. This scheduled replacement is necessary due to significant demands of operation. Anticipated five year life span.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	27,000	-	29,000	-	-	35,000
<b>Total</b>	27,000	-	29,000	-	-	35,000

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	27,000	-	29,000	-	-	35,000	91,000
<b>Total</b>	27,000	-	29,000	-	-	35,000	91,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	27,000	-	29,000	-	-	35,000	91,000
<b>Total</b>	27,000	-	29,000	-	-	35,000	91,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title** Rotary Mower (R) **Date:** 10/01/08  
**Priority:** 6  
**Project #:** V49013

**Location** Municipal Golf Course and Red Reef Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Scheduled replacement of rotary mowers: in FY 09/10 replace FY 02/03 unit #9465; in FY 10/11 replace Red Reef FY05/06 unit #1894B. In FY 13/14 replace FY 06/07 unit #1961 B.

**Project Justification**  
 Rotary mowers are used 8 hours per day to mow lake embankments, common areas and turf areas around trees not accessible by gang mowers. This type of mower is also used to mow rough areas at the Golf Course. The rotary blade mowers cannot be used on tee or green slope areas. Scheduled replacement is every 7 years for Municipal units and 5 years for Red Reef unit due to heavier usage and exposure to salt air.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	24,000	20,000	-	-	28,000
<b>Total</b>	-	24,000	20,000	-	-	28,000

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	24,000	20,000	-	-	28,000	72,000
<b>Total</b>	-	24,000	20,000	-	-	28,000	72,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	24,000	20,000	-	-	28,000	72,000
<b>Total</b>	-	24,000	20,000	-	-	28,000	72,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title** Self-Contained Fairway Unit (R) **Date:** 10/01/08  
**Priority:** 7  
**Project #:** V49015

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Replacement schedule for self-contained fairway mowing units. In FY 09/10 replace 04/05 unit #1945; in FY 11/12 replace FY 06/07 unit #9458B.

**Project Justification**  
 Each unit will replace 5 year old fairway mowing unit. Each unit is critical to the course revenue stream and is used 5 days per week to mow 80 acres of fairway on the championship and executive courses. These hydraulic driven units provide a tighter, more even cut of the turf and better maneuverability than the ground driven gang units. The approximate life of the unit is 5 years.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	48,000	-	53,000	-	-
<b>Total</b>	-	48,000	-	53,000	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	48,000	-	53,000	-	-	101,000
<b>Total</b>	-	48,000	-	53,000	-	-	101,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	48,000	-	53,000	-	-	101,000
<b>Total</b>	-	48,000	-	53,000	-	-	101,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-



**CIP Vehicle/Heavy Equipment Request**

**Project Title** Gang Mower Units (R) **Date:** 10/01/08  
**Priority:** 9  
**Project #:** V49017

**Location** Municipal Golf Course and Red Reef Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description** Replacement of two Municipal five gang mowing units. In FY 11/12 replace Municipal FY 06/07 five gang reel unit #33455B. In FY 12/13 replace Municipal articulating unit #721B.

**Project Justification** These 3 units are critical to the course revenue stream and are used daily to mow approximately 100 acres of rough, enabling staff to maintain the required frequency of mowing for proper turf maintenance. The approximate life of a gang unit is 5 years.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	-	-	29,000	23,000	-
<b>Total</b>	-	-	-	29,000	23,000	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	-	29,000	23,000	-	52,000
<b>Total</b>	-	-	-	29,000	23,000	-	52,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	-	29,000	23,000	-	52,000
<b>Total</b>	-	-	-	29,000	23,000	-	52,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

### CIP Vehicle/Heavy Equipment Request

**Project Title** Chemigation Tank (R) **Date:** 10/01/08  
**Priority:** 10  
**Project #:** V49026

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Replacement of Irrigation System Chemigation Tank.

**Project Justification**  
 The Chemigation tank is necessary to mix chemicals with irrigation water to ensure even application throughout entire golf course, or specific areas. This process helps maximize the health and quality of the turfgrass, ensuring customer satisfaction and maintaining revenue stream.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	-	14,000	-	-	-
<b>Total</b>	-	-	14,000	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	14,000	-	-	-	14,000
<b>Total</b>	-	-	14,000	-	-	-	14,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	14,000	-	-	-	14,000
<b>Total</b>	-	-	14,000	-	-	-	14,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-



### CIP Vehicle/Heavy Equipment Request

**Project Title** Lake Aerators (R) **Date:** 10/01/08  
**Priority:** 12  
**Project #:** V49036

**Location** Municipal Golf Course **Department** RECREATION SERVICES **Contact Person(s)** Michael Martin

**Project Description**  
 Replacement of two electric pump lake aeration units.

**Project Justification**  
 Lake aeration units enhance customer satisfaction by adding natural beauty through their fountain feature, in addition to keeping lakes clean, clear and free from unsightly vegetative growth. This aeration equipment promotes environmental enhancement and costs savings due to using less chemicals for water vegetation control.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	-	15,000	-	-	-
<b>Total</b>	-	-	15,000	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	15,000	-	-	-	15,000
<b>Total</b>	-	-	15,000	-	-	-	15,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	15,000	-	-	-	15,000
<b>Total</b>	-	-	15,000	-	-	-	15,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title:** Aerification Units (R)      **Date:** 10/01/08  
**Priority:** 13  
**Project #:** V49046

**Location:** Municipal Golf Course      **Department:** RECREATION SERVICES      **Contact Person(s):** Michael Martin

**Project Description:** Replacement of three aerification units: in FY 09/10 replace FY 02/03 PTO - driven unit #9464; in FY 2010/11 replace FY 00/01 hydraulic unit #1492; in FY 2012/13 replace FY 05/06 unit #2296.

**Project Justification:** Aerification units are critical to maintaining the turfgrass conditioning of tees and greens at superior levels, ensuring customer satisfaction. These units are used to aerify ten acres of greens and twenty acres of tees, three times per year at the City courses. The PTO driven tow behind units have a lifespan of seven years, and the lesser used hydraulic riding unit has a lifespan of 10 years, as it is used far less frequently and only to aerify green collars to avoid cross contamination.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	24,000	18,000	-	28,000	-
<b>Total</b>	-	24,000	18,000	-	28,000	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	24,000	18,000	-	28,000	-	70,000
<b>Total</b>	-	24,000	18,000	-	28,000	-	70,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	24,000	18,000	-	28,000	-	70,000
<b>Total</b>	-	24,000	18,000	-	28,000	-	70,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

### CIP Vehicle/Heavy Equipment Request

**Project Title** Wood Chipper **Date:** 10/01/08  
**Priority:** 14  
**Project #:** V49059

**Location** Municipal Golf Course **Contact Person(s)**  
Michael Martin  
**Department** RECREATION SERVICES

**Project Description**  
 Scheduled replacement of FY 02/03 Municipal Unit #3625.

**Project Justification**  
 The wood chipper is integral to the reduction and ultimate elimination of unsightly vegetative brush and tree branches, which are cleared from the Golf Course after regular pruning and after storms. It further minimizes disposal costs after the chipping process and provides a source of landscape mulch at no cost.

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	-	16,000	-	-	-
<b>Total</b>	-	-	16,000	-	-	-

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	16,000	-	-	-	16,000
<b>Total</b>	-	-	16,000	-	-	-	16,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	16,000	-	-	-	16,000
<b>Total</b>	-	-	16,000	-	-	-	16,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

**CIP Vehicle/Heavy Equipment Request**

**Project Title:** Bedknife Grinder      **Date:** 10/01/08  
**Priority:** 15  
**Project #:** V49069

**Location:** Municipal Golf Course      **Department:** RECREATION SERVICES  
**Contact Person(s):** Michael Martin

**Project Description:** Scheduled replacement of FY 03/04 unit #33263.

**Project Justification:** The Bedknife Grinder is used to sharpen bedknives on all mowing reels of grass cutting machinery, which maintains tees, greens, fairways and roughs. It is integral to maintaining tight, even cuts and overall turfgrass health. As such, the Bedknife Grinder is a critical component in providing and maintaining superior course conditioning to insure high levels of customer service and satisfaction. Anticipated ten-year lifespan

Account #	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
493-6371-572-6405	-	-	-	-	-	22,000
<b>Total</b>	-	-	-	-	-	22,000

Funding Request	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Equipment Purchase	-	-	-	-	-	22,000	22,000
<b>Total</b>	-	-	-	-	-	22,000	22,000

Funding Source	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
GCRR	-	-	-	-	-	22,000	22,000
<b>Total</b>	-	-	-	-	-	22,000	22,000

Operational Impact	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Total
Capital Outlay	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-