



# Westerly Athletic Facilities Master Planning

Volume Two of Three

*Detailed Site Data, Needs Assessment, and Recommendations*

November 2017



## How to Use This Report

The Inventory and Analysis report is intended to be a tool for town staff, for assistance with planning and management of the reviewed facilities. This report comes in three volumes which vary in detail. Volume One represents the general site analysis and mapping for each site, and is intended for those unfamiliar with the locations, or those who require more information of the properties, layout, or inventory as of the Fall of 2017. Each site is depicted on a large scale map that shows areas of wetlands, setbacks, and general circulation; and a smaller scale map that shows site elements and notations in greater detail. Soil testing was performed at each site, and is shown along with a Site Aerial map, and a Federal Emergency Management Agency (FEMA) Federal Insurance Rate Map (FIRM). The soil testing done at each site was gathered by BSC Group on June 27, 2017, and samples were sent to the University of Connecticut Soil Nutrient Analysis Laboratory for testing. Samples were tested for soil texture, nutrients, and pH, and suggestions were received for lawn care at each location based on the levels in each sample.

Volume Two presents more specific information of existing site information, and recommendations for improvements. This volume serves as the informational backup for the report.

Volume Three shows the detailed recommendations and is intended for administrative staff and town use in making decisions in planning and funding for large scale improvements within town.



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## **Volume Three: Master Planning**

## Westerly Athletic and Recreation Facilities, Master Plan

### Volume Two Introduction

This is Volume Two of the Westerly Athletic and Recreation Facilities Master Planning Report. This volume contains the detailed park's inventory and other information on the athletic facilities, such as: the needs assessment, an evaluation of parks maintenance, practices, resources, and community input. For general conditions of the parks and for the executive summary of this report, refer to Volume One.

**Detailed Park's Inventory** information includes an evaluation for each park reviewed along with photo sheets documenting park conditions in the summer of 2017. Also included in these evaluations are copies of topsoil test reports for the samples taken in the summer of 2017, which document soil nutrient levels at each of the facilities.

**Field Needs Assessment** is a detailed review that summarizes how much each sports program uses each field in Westerly's inventory of fields. This assessment documents which fields are over-used and in threat of failing unless extra maintenance or facilities are added.

**Appendix A – Parks Inventory and Recommendations** is a detailed table outlining each amenity at each park, its condition, and recommendations for repair or replacement, as appropriate. This section is intended to be used by park managers as a check-list in budgeting and planning for specific improvements to existing park facilities.

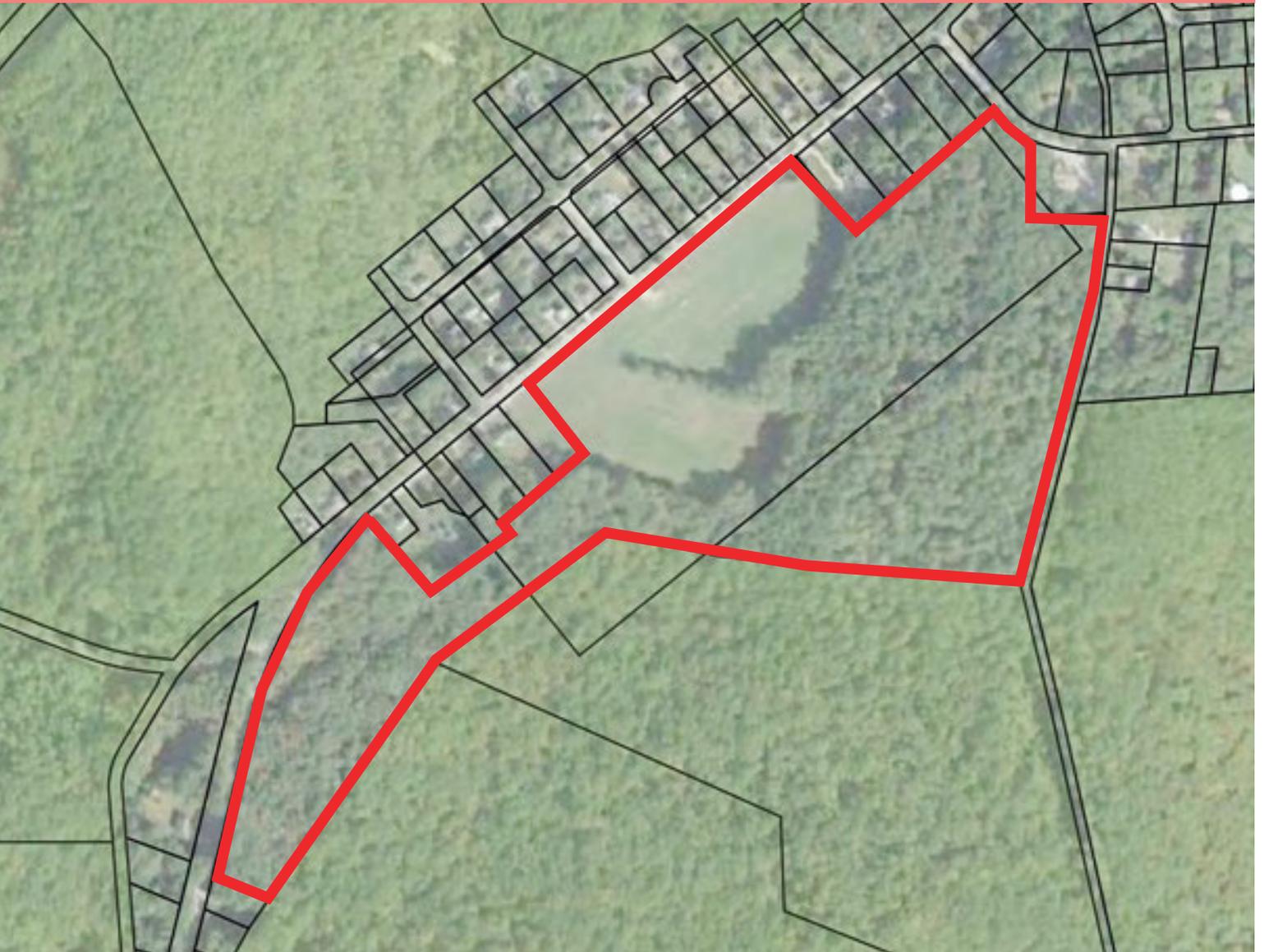
**Appendix B – Maintenance Practices Evaluation** is a detailed review of a typical maintenance program, a detailed break-down of actual maintenance practices, and a comparison of expected vs. actual maintenance budgets. This section also includes general recommendations for municipal level field maintenance.

**Appendix C – Community Input;** Is a summary of the comments and results of the on-line community input survey, and any questions received during the public meeting process. This section includes a synopsis, as well as the raw results for each survey question. This section also includes information on the public meetings, and comments received through those public forums.

**Appendix D – Natural & Synthetic Turf Cost Comparison;** Is a table that outlines the costs of developing a new natural turf field and amenities in comparison to converting an existing natural field to synthetic turf.

# Bradford Preserve

*Existing Conditions*



## Summary Form

Overall Grade:	<b>1.7</b>
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### Bradford Preserve

Address: 187-235 Bradford Road

Size: 57.08

General Description: Grass fields and dirt parking lot. Park is located in quiet suburban neighborhood.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	1.20
Lacrosse Field - North	2.00
Lacrosse Field - South	2.00
<b>Average Score</b>	<b>1.73</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)		X			
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)		X			
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)		X			
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)		X			
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.)			X		
<b>Average Score = 1.2</b>					

#### COMMENTS:

Fields undulate and are not graded for athletic use. Fields/Parking areas are not ADA accessible, no signage, no paved surfaces. Patchy, worn grass; mostly weeds/crabgrass. Storage box is inadequate for sports and maintenance equipment. No site lighting, and site is not enclosed. Entrance is not obvious from road/dirt. Insufficient spectator seating, no player's areas, no water available, no buildings. Porta-Potties are provided. Maintenance: Westerly Youth Lacrosse and Westerly DPW.

Availability: LAX use from April 1 to October 31. No Sunday use except emergency rain date



# Athletic Field Evaluation Form

Field Grade:	<b>2.0</b>
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## Bradford Preserve

Date of Evaluation	6/26/2017		
Type of Field:	Lacrosse North		
Number of Fields:	1 Full / 1 Youth		
Typical age of users:			
MPR Field Dimensions:	Length:	Width	Run-Out
	300 / 180	180 / 90	10

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>			x		
<b>Stand of Turf</b>			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)		x			
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	x				
<b>Irrigation</b> (condition, coverage, reported adequacy)	x				
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (goals, players benches, etc.)	x				
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)			x		
<b>Drainage</b>		x			

<b>Average Score =</b>	<b>2.0</b>
------------------------	------------

Comments	Recommendations
Some divots/low spots in turf, not graded for athletes minor bare spots at high wear areas	regrade/seed fields Add irrigation and drainage
No irrigation, East-West Orientation (preferred)	
mostly weeds/crabgrass, wet areas	

# Athletic Field Evaluation Form

## Bradford Preserve

Field Grade:	<b>2.0</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Lacrosse South		
Number of Fields:	1 Full / 1 Youth		
Typical age of users:			
MPR Field Dimensions:	Length:	Width	Run-Out
	330 / 180	180 / 90	10

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>			x		
<b>Stand of Turf</b>			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)		x			
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	x				
<b>Irrigation</b> (condition, coverage, reported adequacy)	x				
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (goals, players benches, etc.)	x				
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)	None				
<b>Drainage</b>		x			
<b>Average Score = 2.0</b>					

Comments	Recommendations
Some divots/low spots in turf, not graded for athletes	regrade/seed fields
minor bare spots at high wear areas	Add irrigation and drainage
No irrigation, East-West Orientation (preferred), no seating	
mostly weeds/crabgrass, wet areas	

# Photo Sheets



Main Entrance



Parking Area



Pedestrian Entrance



Example of Wear



North Field



South Field



Porta-Potties



Utilities



Storage Box



Bleachers



Pedestrian Connection

# Soil Testing Results

## Nutrients Extracted From Your Soil (Modified Morgan)

### North Field

		Below Optimum	Optimum	Above Optimum	Excessive*
Calcium	1413 lbs/acre				
Magnesium	169 lbs/acre				
Phosphorus	41 lbs/acre				
Potassium	216 lbs/acre				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H2O)	5.1	<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>
Buffered pH (Mod. Mehlich)	6.0	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	10.5	Copper (Cu)	0.2	0.3 - 0.8
Exch. Acidity (meq/100g)	6.0	Iron (Fe)	5.1	1.0 - 40.0
		Manganese (Mn)	1.4	3.0 - 20.0
		Zinc (Zn)	1.7	0.1 - 70.0
		Sulfur (S)	21.3	10 - 100
		Aluminum (Al)	54.2	10 - 300
		Est. Total Lead (Pb)	low	

<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>
Potassium	3	2.0 - 7.0
Magnesium	7	10 - 30
Calcium	34	40 - 50

## Limestone & Fertilizer Recommendations for Established Lawn

### Limestone (Target pH of 6.6)

100 lbs / 1000 sq ft

### South Field

## Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
Calcium	910 lbs/acre				
Magnesium	160 lbs/acre				
Phosphorus	15 lbs/acre				
Potassium	112 lbs/acre				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H2O)	5.0	<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>
Buffered pH (Mod. Mehlich)	6.0	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	9.0	Copper (Cu)	0.2	0.3 - 0.8
Exch. Acidity (meq/100g)	6.0	Iron (Fe)	6.5	1.0 - 40.0
		Manganese (Mn)	1.8	3.0 - 20.0
		Zinc (Zn)	1.2	0.1 - 70.0
		Sulfur (S)	17.7	10 - 100
		Aluminum (Al)	87.6	10 - 300
		Est. Total Lead (Pb)	low	

<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>
Potassium	2	2.0 - 7.0
Magnesium	7	10 - 30
Calcium	25	40 - 50

## Limestone & Fertilizer Recommendations for Established Lawn

### Limestone (Target pH of 6.6)

100 lbs / 1000 sq ft

# Cimalore Recreation Complex

*Existing Conditions*



## Summary Form

Overall Grade:	<b>2.6</b>
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### Cimalore Recreation Complex

Address: 3 Wilson Street

Size: 25.43

General Description: Suburban complex with several sports fields, two paved parking lots, a pavillion, a play area, and accessory buildings.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	1.60
Baseball	3.18
Main Softball	3.30
Little League	2.60
Shared Softball	2.78
Hard Courts - Basketball	2.56
Playground	2.20
<b>Average Score</b>	<b>2.60</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)			x		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)		x			
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)		x			
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)		x			
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.				x	
<b>Average Score = 1.6</b>					

#### COMMENTS:

No sidewalks through park, minimal pedestrian lighting and signage provided. Park closed at sundown. Sports lighting is provided for two fields. Fencing fabric is patched in sections at fields. Play area is not fully enclosed. The site entrance is not aesthetically pleasing. There are no bike racks, and parking lots are not striped and inefficient. The fields are not ADA accessible, insufficient ADA parking/seating/walkways. Irrigation is city fed on 2" main.



# Athletic Field Evaluation Form

## Cimalore Recreation Complex

Field Grade:	<b>3.2</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Baseball		
Number of Fields:	1		
Typical age of users:			
Field Dimensions:	Foul:	Center	Baseline
	310	360	90

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)				x	
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					x
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)				x	
<b>Site Lighting</b>				x	
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>				x	
<b>Average Score = 3.2</b>					

Comments	Recommendations
Some divots/low spots in turf minor bare spots at high wear areas	Maintainenance topdress and seed spots
East - West Orientation	
Infield gets muddy / Lip at outfield	Lip renovation and infield regrading
Enclosed batting cage and water fountains provided	

# Athletic Field Evaluation Form

## Cimalore Recreation Complex

Field Grade:	<b>3.3</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Main Softball		
Number of Fields:	1		
Typical age of users:			
Field Dimensions:	Foul:	Center	Baseline
	220	220	60

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)					x
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)				x	
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>				x	
<b>Average Score = 3.3</b>					

Comments	Recommendations
Some divots/low spots in turf	Maintainence
minor bare spots at high wear areas, lip at outfield	topdress/seed spots
North - South Orientation (not preferred)	
Cracks/drainage issue observed at dugouts	repair dugouts
Enclosed bullpen and batting cage	

# Athletic Field Evaluation Form

## Cimalore Recreation Complex

Field Grade:	<b>2.6</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Softball Practice Infield		
Number of Fields:	1		
Typical age of users:			
Field Dimensions:	Foul	Center	Baseline
	140	160	60

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>			x		
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)				x	
<b>Irrigation</b> (condition, coverage, reported adequacy)				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.).			x		
<b>Support Equipment</b> (goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>				x	
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>			x		
<b>Average Score = 2.6</b>					

Comments	Recommendations
some minor divots/low spots in turf	Maintenance
Bear spots at typical high wear areas	topdress/seed spots
Drainage Issues at Infield/infield gets muddy, lip at outfield	
East - West Orientation, Outfield is truncated, no warning strip, wood benches in poor condition	replace benches/eliminate tripping hazard, regrade infield
Tripping hazards at players areas, insufficient seating	
Skinned infield = innapropriate for baseball	

# Athletic Field Evaluation Form

## Cimalore Recreation Complex

Field Grade:	<b>2.8</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Softball		
Number of Fields:	2 - Shared Outfield (Only 1 can be used at a time)		
Typical age of users:			
MPR Field Dimensions:	Foul:	Center	Baseline
	225	225	60

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)					x
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)		x			
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.).				x	
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)			x		
<b>Drainage</b>			x		
<b>Average Score = 2.8</b>					

Comments	Recommendations
Some divots/low spots in turf minor bare spots at high wear areas	Maintainance topdress/seed spots
East - West Orientation, shared outfield=high use	
Eastern Field is least used and used to be a Hardball Court	
Eastern infield is muddy. No water provided. Minimal fencing.	
Field is not ADA accessible	

# Hard Court Evaluation Form

## Cimalore Recreation Complex

Court Grade:	<b>2.6</b>
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Date of Evaluation	6/26/2017	
Type of Court:	Basketball	
Number of Courts:	2	
Typical age of users	Community	
Type of Structure	Galv. Uprights with steel backstops	
Type of Surfacing	Asphalt court without color coating	
Playing Dimensions	Length:	Width:
	93	50

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)			x		
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)	None				
<b>Court Hardware</b>				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.)			x		
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>				x	
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Average Score = 2.6</b>					

Comments	Recommendations
Striping is faded, asphalt is not consistent size.	restripe, ultimately replace courts.
Backstops set in grass / no padding, no run out area, spectator area shared with other field, no ADA accessible seating	install padding
Some settling/puddling/cracking on Asphalt = Still usable	Monitor

# Playground Evaluation Form

## Cimalore Recreation Complex

Playground Grade:	<b>2.2</b>
-------------------	------------

Date of Evaluation	6/26/2017
Intended Age Group of Users:	
Type of Surfacing:	Wood Chips
Depth of Surfacing:	3+ inches

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (see comments below)			X		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc)			X		
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)			X		
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA parking, gates, restrooms, and equipment accessible)			X		
<b>Equipment Serviceability</b> (play structures, spray parks, seating, etc.)				X	
<b>Average Score = 2.2</b> This review is general in nature. Playscapes were not reviewed in detail per consumer product safety guidelines.					

Comments	Recommendations
Site is in fair condition, but not enclosed w/fence Wood chip surfacing has settled/No safety mats @ wear areas Handicap accessible drinking fountain non-functional landscaping obstructs view from field Walkways available/not continuous to each site element	add gate Add Wood Chips/mats, maintain fix fountain prune/remove excess plantings add walkways

# Photo Sheets



Main Entrance



Utilities at Entrance



Memorial at Entrance



Dedication Memorial



Parking Lot Entrance



West Parking Lot



Press Box / Concessions at Baseball



Press Box / Concessions at Baseball



Visitor Bleachers at Baseball



Home Bleachers at Baseball



Visitor Drinking Fountain at Baseball



Home Drinking Fountain at Baseball



Visitor Dugout at Baseball



Home Dugout at Baseball



Fence Repairs at Baseball



Foul Pole at Baseball



Scoreboard at Baseball



Sports Lighting at Baseball



Bullpen and Batting Cage at Baseball



Flagpole at Baseball



General Field Conditions at Baseball



Wear Spots and Dips at Baseball



Home Plate at Baseball



Pitcher's Mound at Baseball



Typical Dugout at Baseball



Scoreboard at Baseball



General Field Conditions at Little League



Infield Conditions at Little League



Drainage Issues at Little League



Home Plate at Little League



Visitor Bleachers at Little League



Home Bleachers at Little League



Visitor Player's Bench at Little League



Home Player's Bench at Little League



Obsolete Pole at Little League



Site Lighting



Typical Surface at Basketball



Typical Basketball Hoop



Typical Painted Lines at Basketball



Puddling at East Basketball Court



Storage Building at Basketball



Monument at Playground



Water Fountain at Playground



Swing Sets at Playground



Pavilion



Play Area



Playground Entrance



Concessions Building at East Parking Lot



Storage Building and Dumpster



Dirt Parking Lot Conditions



Concessions / Press Box / Storage at Softball



Vehicular Access to Main Softball Field



Visitor Bleachers at Main Softball



Visitor Amenities at Softball



Typical Dugout at Main Softball



Home Plate at Main Softball



Scoreboard at Main Softball



Home Bleachers at Main Softball



Bullpen at Main Softball



Batting Cage at Main Softball



Cracking of Dugout at Main Softball



Sports Lighting at Main Softball



Condition of Grass at Main Softball



Infield Conditions at Main Softball



Wear Pattern at Main SoftballField



Conditions at Shared Softball



Infield Conditions at E. Shared Field



Home Plate at E. Shared Field



Home Player's Bench at E. Shared Field



Home Spectator Bench at E. Shared Field



Visitor Player's Bench at E. Shared Field



Visitor Spectator Bench at E. Shared Field



Foul Pole at Shared Fields



Pitcher's Mound at W. Shared Field



Home Bleacher at W. Shared Field



Home Plate at W. Shared Field



Visitor Bleacher at W. Shared Field



Typical Dugout at W. Shared Field



# Soil Testing Results

## Nutrients Extracted From Your Soil (Modified Morgan)

## Baseball Field

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>935 lbs/acre</b>				
<b>Magnesium</b>	<b>155 lbs/acre</b>				
<b>Phosphorus</b>	<b>7 lbs/acre</b>				
<b>Potassium</b>	<b>374 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.0	<u><b>Element</b></u>	<u><b>ppm</b></u>	<u><b>Soil Range</b></u>
Buffered pH (Mod. Mehlich)	6.1	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	9.0	Copper (Cu)	0.1	0.3 - 0.8
Exch. Acidity (meq/100g)	5.6	Iron (Fe)	6.7	1.0 - 40.0
		Manganese (Mn)	1.9	3.0 - 20.0
		Zinc (Zn)	1.0	0.1 - 70.0
		Sulfur (S)	18.7	10 - 100
<u><b>Base Saturation</b></u>	<u><b>%</b></u>	<u><b>Suggested</b></u>		
Potassium	5	2.0 - 7.0		
Magnesium	7	10 - 30		
Calcium	26	40 - 50		
		Aluminum (Al)	71.2	10 - 300
		Est. Total Lead (Pb)	low	

## Limestone & Fertilizer Recommendations for Established Lawn

### Limestone (Target pH of 6.6)

100 lbs / 1000 sq ft

## Nutrients Extracted From Your Soil (Modified Morgan)

## Main Softball Field

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1746 lbs/acre</b>				
<b>Magnesium</b>	<b>279 lbs/acre</b>				
<b>Phosphorus</b>	<b>7 lbs/acre</b>				
<b>Potassium</b>	<b>328 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.5	<u><b>Element</b></u>	<u><b>ppm</b></u>	<u><b>Soil Range</b></u>
Buffered pH (Mod. Mehlich)	6.2	Boron (B)	0.1	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	10.0	Copper (Cu)	0.2	0.3 - 0.8
Exch. Acidity (meq/100g)	4.0	Iron (Fe)	4.2	1.0 - 40.0
		Manganese (Mn)	1.3	3.0 - 20.0
		Zinc (Zn)	0.6	0.1 - 70.0
		Sulfur (S)	27.2	10 - 100
		Aluminum (Al)	54.3	10 - 300
<u><b>Base Saturation</b></u>	<u><b>%</b></u>	<u><b>Suggested</b></u>		
Potassium	4	2.0 - 7.0		
Magnesium	11	10 - 30		
Calcium	44	40 - 50		
		Est. Total Lead (Pb)	low	

## Limestone & Fertilizer Recommendations for Established Lawn

### Limestone (Target pH of 6.6)

75 lbs / 1000 sq ft

**Nutrients Extracted From Your Soil (Modified Morgan)**

**Little League Field**

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1360 lbs/acre</b>				
<b>Magnesium</b>	<b>237 lbs/acre</b>				
<b>Phosphorus</b>	<b>7 lbs/acre</b>				
<b>Potassium</b>	<b>290 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

		<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>	
Soil pH (1:1, H2O)	5.1	Boron (B)	0.0	0.1 - 2.0	
Buffered pH (Mod. Mehlich)	6.2	Copper (Cu)	0.2	0.3 - 0.8	
Est. Cation Exch. Capacity (cmole+/100g)	8.9	Iron (Fe)	3.4	1.0 - 40.0	
Exch. Acidity (meq/100g)	4.2	Manganese (Mn)	1.3	3.0 - 20.0	
		Zinc (Zn)	2.8	0.1 - 70.0	
<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>	Sulfur (S)	20.7	10 - 100
Potassium	4	2.0 - 7.0	Aluminum (Al)	54.1	10 - 300
Magnesium	11	10 - 30	Est. Total Lead (Pb)	low	
Calcium	38	40 - 50			

**Limestone & Fertilizer Recommendations for Established Lawn**

**Limestone (Target pH of 6.6)**

75 lbs / 1000 sq ft

**Nutrients Extracted From Your Soil (Modified Morgan)**

**Shared Softball Fields**

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1141 lbs/acre</b>				
<b>Magnesium</b>	<b>167 lbs/acre</b>				
<b>Phosphorus</b>	<b>3 lbs/acre</b>				
<b>Potassium</b>	<b>224 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

		<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>	
Soil pH (1:1, H2O)	5.3	Boron (B)	0.0	0.1 - 2.0	
Buffered pH (Mod. Mehlich)	6.0	Copper (Cu)	0.2	0.3 - 0.8	
Est. Cation Exch. Capacity (cmole+/100g)	10.8	Iron (Fe)	55.2	1.0 - 40.0	
Exch. Acidity (meq/100g)	7.0	Manganese (Mn)	3.5	3.0 - 20.0	
		Zinc (Zn)	1.3	0.1 - 70.0	
<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>	Sulfur (S)	22.7	10 - 100
Potassium	3	2.0 - 7.0	Aluminum (Al)	139.1	10 - 300
Magnesium	6	10 - 30	Est. Total Lead (Pb)	low	
Calcium	26	40 - 50			

**Limestone & Fertilizer Recommendations for Established Lawn**

**Limestone (Target pH of 6.6)**

125 lbs / 1000 sq ft



# Craig Field Recreation Complex

*Existing Conditions*



## Summary Form

Overall Grade:	<b>2.4</b>
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### Craig Field Recreation Complex

Address: 1-17 Mountain Avenue

Size: 7.86

General Description: Small suburban park with pedestrian access from High Street, with men's softball field, paved and grass parking lots, a pavillion, a basketball court, and a play area.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	1.40
Men's Softball	2.70
Hard Courts - Basketball	3.00
Playground	2.40
<b>Average Score</b>	<b>2.38</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)			x		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)		x			
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)		x			
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)		x			
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.			x		
<b>Average Score = 1.4</b>					

#### COMMENTS:

Field closed at 10:30 pm, park is not securable (not all entrances have gates), no site signage or pedestrian lighting, parking is inefficient, entrance is unattractive. Minimal walkways, site not ADA Accessible. Restroom building in outfield. Drinking fountain at play area is non-functional. There is an unusable sand box at the play area. Seating is insufficient at court, and the scoreboard is unsafe with exposed wire running along the fence. A large catalpa tree needs pruning at the play area.

# Athletic Field Evaluation Form

## Craig Field Recreation Complex

Field Grade:	<b>2.7</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Men's Softball		
Number of Fields:	1		
Typical age of users:			
Field Dimensions:	Foul:	Center	Baseline
	LF 275 RF 300	30	70'

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)				x	
<b>Irrigation</b> (condition, coverage, reported adequacy)				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.).			x		
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)				x	
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)			x		
<b>Drainage</b>			x		
<b>Average Score = 2.7</b>					

Comments	Recommendations
minor bare spots at high wear areas	Maintainance, topdress/seed spots
light poles set within fields = unsafe	relocate/update lighting
North - South Orientation (not preferred), no ADA accessible seating available, drainage issue at south seating area	
infield gets muddy / lip at outfield	regrade infield
Scoreboard is unsafe / exposed wiring runs along fence	replace wiring/consider replacing scoreboard

# Hard Court Evaluation Form

## Craig Field Recreation Complex

Court Grade:	<b>3.0</b>
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Date of Evaluation	6/26/2017	
Type of Court:	Basketball	
Number of Courts:	1	
Typical age of users		
Type of Structure	Galv. Uprights with steel backstops	
Type of Surfacing	Asphalt court with color coating	
Playing Dimensions	Length:	Width:
	93	50

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)					x
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)					x
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)			x		
<b>Court Hardware</b>				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.)			x		
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)	None				
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Average Score = 3.0</b>					

Comments	Recommendations
Overall in excellent condition North - South Orientation (not preferred) No padding on posts=unsafe, erosion issue @ SE corner fence not complete/enclosed, no benches/bleachers	provide padding, add soil at corner/ provide planting provide fencing/gates, provide seating for court

# Playground Evaluation Form

## Craig Field Recreation Complex

Playground Grade:	2.4
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Date of Evaluation	6/26/2017
Intended Age Group of Users:	
Type of Surfacing:	Wood Chips
Depth of Surfacing:	3+ inches

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (see attached check list)			X		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc)			X		
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)				X	
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA parking, gates, restrooms, and equipment accessible)			X		
<b>Equipment Serviceability</b> (play structures, spray parks, seating, etc.)				X	
<b>Average Score = 2.4</b> This review is general in nature. Playscapes were not reviewed in detail per consumer product safety guidelines.					

Comments	Recommendations
drinking fountain not working, no bike racks, not attractive, no gates=not enclosed, minimal walkways/not to each element Wood chip surfacing has settled / no safety mats/ no gates, structures not ADA accessible toddler swings have no plastic coating, are tamper resistant swings have cracked plastic coating, are tamper resistant	fix fountain, add racks, add gates, add walkways  Add Wood Chips/safety mats @ wear areas, add ADA accessible features

# Photo Sheets



Main Entrance and Parking Lot



Playground Entrance



Drinking Fountain Not On



Pavilion



Play Area



Swing Set



Toddler Swing Set



Slide and Picnic Table



Sand Box



Small Pavilion



Erosion at Basketball Court



Typical Surface at Basketball Court



Basketball Hoop



South Parking Lot



Storage Building



Dumpster



Home Bleachers



Visitor Bleachers



Storage and Press Box



Drinking Fountain



Open Electrical Wire at Scoreboard



Post in Play Area



Sports Field Lighting



Typical Dugout



Typical Infield Conditions



Ball Netting at Left Field



Typical Warning Strip



West Field



Pedestrian Entrance



Drop-Off Area



Monument at Pedestrian Entrance



Monument at Pedestrian Entrance



Vehicular Entrance



Flag Pole



Concrete Building and Retaining Walls



Foul Pole

# Soil Testing Results

## Softball Field

### Results

#### Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
Calcium	1019 lbs/acre				
Magnesium	150 lbs/acre				
Phosphorus	2 lbs/acre				
Potassium	457 lbs/acre				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.3	<b><u>Element</u></b>	<b><u>ppm</u></b>	<b><u>Soil Range</u></b>
Buffered pH (Mod. Mehlich)	6.0	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	10.2	Copper (Cu)	0.2	0.3 - 0.8
Exch. Acidity (meq/100g)	6.5	Iron (Fe)	11.4	1.0 - 40.0
		Manganese (Mn)	1.4	3.0 - 20.0
		Zinc (Zn)	1.5	0.1 - 70.0
		Sulfur (S)	21.5	10 - 100
<b><u>Base Saturation</u></b>	<b><u>%</u></b>	<b><u>Suggested</u></b>	Aluminum (Al)	155.7
Potassium	6	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	6	10 - 30		
Calcium	25	40 - 50		

#### Limestone & Fertilizer Recommendations for Established Lawn

##### Limestone (Target pH of 6.6)

125 lbs / 1000 sq ft

# Gingerella Sports Complex

*Existing Conditions*



Overall Grade:	<b>2.8</b>
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## Summary Form

### Gingerella Sports Complex

Address: 49 White Rock Road

Size: 20.93

General Description: Large open suburban park adjacent to Highway 78, with open grass field striped for various soccer field sizes, a skate park, concessions/restroom building, basketball court, tennis court, a pavillion, a play area, and dirt parking.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	1.80
Main Soccer	3.71
8v8 Soccer	3.11
6v6 Soccer	3.11
Micro Soccer	3.11
Hard Courts - Basketball	2.33
Tennis Court	3.00
Playground	2.20
Skate Park	3.00
<b>Average Score</b>	<b>2.80</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)			x		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)			x		
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)		x			
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)		x			
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.				x	
<b>Average Score = 1.8</b>					

#### COMMENTS:

Park closes at sundown, no site lighting/signage, no gate at main entrance/play area, some fencing is rusted. Entrance vegetation is overgrown, drinking fountain is non-functional. Ruts at entrances, grass is too long. City-fed irrigation on 2" main. Fields rotate, concrete wall obstructs play. Small pavilion is in poor condition. There are minimal walkways, insufficient seating/1 small bleacher, no ADA accessible seating/paths around fields.



# Athletic Field Evaluation Form

## Gingerella Sports Complex

Field Grade:	<b>3.1</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Main Soccer - Field D		
Number of Fields:	1		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	330	195	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Stand of Turf</b>					x
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (goals, players benches, etc.)		x			
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Drainage</b>				x	

<b>Average Score =</b>	<b>3.1</b>
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Comments	Recommendations
some minor divots/low spots in turf, too flat East - West Orientation	Maintenance, topdress/seed spots
no benches/bleachers, no ADA seating/path	add seating

# Athletic Field Evaluation Form

## Gingerella Sports Complex

Field Grade:	<b>3.1</b>
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Date of Evaluation	6/26/2017		
Type of Field:	8v8 Soccer - Field C + Field E		
Number of Fields:	2		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	225	150	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					X
<b>Stand of Turf</b>					X
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				X	
<b>Striping</b> (Completeness, visibility, condition)					X
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)					X
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					X
<b>Support Equipment</b> (goals, players benches, etc.)		X			
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		X			
<b>Drainage</b>				X	
<b>Average Score = 3.1</b>					

Comments	Recommendations
some minor divots/low spots in turf, too flat	Maintenance, topdress/seed spots
1 East - West 1 North - South (not preferred) no benches/bleachers, no ADA seating/path	add seating

# Athletic Field Evaluation Form

## Gingerella Sports Complex

Field Grade:	<b>3.1</b>
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Date of Evaluation	6/26/2017		
Type of Field:	6v6 Soccer - Field F + Field G		
Number of Fields:	2		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	180	120	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Stand of Turf</b>					x
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					x
<b>Support Equipment</b> (goals, players benches, etc.)		x			
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Drainage</b>				x	
<b>Average Score = 3.1</b>					

Comments	Recommendations
some minor divots/low spots in turf, too flat East - West Orientation	Maintenance, topdress/seed spots
no benches/bleachers, no ADA seating/path	add seating

# Athletic Field Evaluation Form

## Gingerella Sports Complex

Field Grade:	<b>3.1</b>
--------------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Micro Soccer - Field A + Field B		
Number of Fields:	2		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	135	90	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					X
<b>Stand of Turf</b>					X
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				X	
<b>Striping</b> (Completeness, visibility, condition)					X
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)					X
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					X
<b>Support Equipment</b> (goals, players benches, etc.)		X			
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		X			
<b>Drainage</b>				X	
<b>Average Score = 3.1</b>					

Comments	Recommendations
some minor divots/low spots in turf, too flat North - South Orientation (not preferred)	Maintenance, topdress/seed spots
no benches/bleachers, no ADA seating/path	add seating

# Hard Court Evaluation Form

## Gingerella Sports Complex

Court Grade:	<b>2.3</b>
--------------	------------

Date of Evaluation	6/26/2017	
Type of Court:	Basketball	
Number of Courts:	1	
Typical age of users		
Type of Structure	Galv. Uprights with steel backstops	
Type of Surfacing	Asphalt court with color coating	
Playing Dimensions	Length:	Width:
	76	50

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)		x			
<b>Court Hardware</b>			x		
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					x
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Average Score = 2.3</b>					

Comments	Recommendations
Overall in poor condition, cracks/ heaving/puddling, Converted Tennis Court, not enclosed, not regulation size No ADA accessible seating North - South Orientation (not preferred)	replace courts add fencing add seating

# Hard Court Evaluation Form

## Gingerella Sports Complex

Court Grade:	<b>2.7</b>
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Date of Evaluation	6/26/2017	
Type of Court:	Tennis	
Number of Courts:	1	
Typical age of users		
Type of Structure		
Type of Surfacing	Asphalt court with color coating	
Playing Dimensions	Length:	Width:
	78	36

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)			x		
<b>Court Hardware</b>				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					x
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Average Score = 2.7</b>					

Comments	Recommendations
Overall in poor condition, cracks/ heaving/puddling, North - South Orientation (not preferred) No ADA accessible seating	replace courts  add seating

# Playground Evaluation Form

## Gingerella Sports Complex

Playground Grade:	<b>2.2</b>
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Date of Evaluation	6/26/2017
Intended Age Group of Users:	
Type of Surfacing:	Wood Chips
Depth of Surfacing:	3+ inches

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (see attached check list)			X		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc)			X		
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)			X		
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA parking, gates, restrooms, and equipment accessible)			X		
<b>Equipment Serviceability</b> (play structures, spray parks, seating, etc.)				X	
<b>Average Score = 2.2</b> This review is general in nature. Playscapes were not reviewed in detail per consumer product safety guidelines.					

Comments	Recommendations
Set for Younger children is in worse shape Wood chip surfacing has settled, minimal walkways not enclosed, fountain not working, not ADA accessible	Add Wood Chips / maintain add gate, fix fountain, add walkways to all site elements

# Skate Park Evaluation Form

## Gingerella Sports Complex

Court Grade:	<b>3.0</b>
--------------	------------

Date of Evaluation	6/26/2017	
Type of Court:	Skate Park	
Number of Courts:	2	
Typical age of users		
Type of Structure	Concrete bowls	
Type of Surfacing		
Playing Dimensions	Length:	Width:
	100	100

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)					x
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)					x
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)			x		
<b>Safety</b> (Run-outs, lack of obstructions, etc.).				x	
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Average Score =</b>		<b>3.0</b>			

Comments	Recommendations
Overall in excellent condition, not visible from fields Park is not fully enclosed, no gate, rusted fence	replace fence

# Photo Sheets



Main Entrance



South Parking



Concessions/Restrooms



Small Pavilion



Large Pavilion



Concrete Wall



Vehicular Access to Fields



Micro Fields and North Parking



Entrance to Skate Park



Skate Park



Wet Area North of Fields



Tennis Courts



Basketball Court



Back Fields



Storage Building



Middle Fields



Water Fountain - Off



Swingset



2-5 Playground



5-12 Playground



Storage Building



North Entrance and Parking



Stone Monument

# Soil Testing Results

## Field A + Field B

### Results

#### Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1082 lbs/acre</b>				
<b>Magnesium</b>	<b>165 lbs/acre</b>				
<b>Phosphorus</b>	<b>1 lbs/acre</b>				
<b>Potassium</b>	<b>377 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.3	<b><u>Element</u></b>	<b><u>ppm</u></b>	<b><u>Soil Range</u></b>
Buffered pH (Mod. Mehlich)	6.2	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	7.9	Copper (Cu)	0.2	0.3 - 0.8
Exch. Acidity (meq/100g)	4.0	Iron (Fe)	21.2	1.0 - 40.0
		Manganese (Mn)	1.3	3.0 - 20.0
		Zinc (Zn)	0.4	0.1 - 70.0
		Sulfur (S)	19.7	10 - 100
<b><u>Base Saturation</u></b>	<b><u>%</u></b>	<b><u>Suggested</u></b>	Aluminum (Al)	106.7
Potassium	6	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	9	10 - 30		
Calcium	34	40 - 50		

#### Limestone & Fertilizer Recommendations for Established Lawn

##### Limestone (Target pH of 6.6)

75 lbs / 1000 sq ft

## Field C + Field D

### Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1062 lbs/acre</b>				
<b>Magnesium</b>	<b>162 lbs/acre</b>				
<b>Phosphorus</b>	<b>4 lbs/acre</b>				
<b>Potassium</b>	<b>388 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.3	<b><u>Element</u></b>	<b><u>ppm</u></b>	<b><u>Soil Range</u></b>
Buffered pH (Mod. Mehlich)	6.1	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	9.3	Copper (Cu)	0.1	0.3 - 0.8
Exch. Acidity (meq/100g)	5.5	Iron (Fe)	11.1	1.0 - 40.0
		Manganese (Mn)	1.0	3.0 - 20.0
		Zinc (Zn)	1.4	0.1 - 70.0
		Sulfur (S)	20.9	10 - 100
<b><u>Base Saturation</u></b>	<b><u>%</u></b>	<b><u>Suggested</u></b>	Aluminum (Al)	153.7
Potassium	5	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	7	10 - 30		
Calcium	29	40 - 50		

### Limestone & Fertilizer Recommendations for Established Lawn

#### Limestone (Target pH of 6.6)

100 lbs / 1000 sq ft

### Nutrients Extracted From Your Soil (Modified Morgan)

## Field E + Field F + Field G

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>1062 lbs/acre</b>				
<b>Magnesium</b>	<b>162 lbs/acre</b>				
<b>Phosphorus</b>	<b>4 lbs/acre</b>				
<b>Potassium</b>	<b>388 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.3	<b><u>Element</u></b>	<b><u>ppm</u></b>	<b><u>Soil Range</u></b>
Buffered pH (Mod. Mehlich)	6.1	Boron (B)	0.0	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	9.3	Copper (Cu)	0.1	0.3 - 0.8
Exch. Acidity (meq/100g)	5.5	Iron (Fe)	11.1	1.0 - 40.0
		Manganese (Mn)	1.0	3.0 - 20.0
		Zinc (Zn)	1.4	0.1 - 70.0
		Sulfur (S)	20.9	10 - 100
<b><u>Base Saturation</u></b>	<b><u>%</u></b>	<b><u>Suggested</u></b>	Aluminum (Al)	153.7
Potassium	5	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	7	10 - 30		
Calcium	29	40 - 50		

### Limestone & Fertilizer Recommendations for Established Lawn

#### Limestone (Target pH of 6.6)

100 lbs / 1000 sq ft





# Westerly Youth Football Field

*Existing Conditions*



Overall Grade:	<b>2.1</b>
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## Summary Form

### Westerly Youth Football Field Recreation Complex

Address: Old Hopkinton Road

Size: 5.38

General Description: Field and paved parking lot with concession/restroom building and bleachers among gravel quarries and Highway 78.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	1.60
Football	2.78
Practice	2.00
<b>Average Score</b>	<b>2.13</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)			X		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)		X			
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)		X			
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)		X			
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.				X	
<b>Average Score = 1.6</b>					

#### COMMENTS:

Well fed irrigation / 2" main, field not fully enclosed, inefficient parking layout, no site lighting/signage, not ADA Accessible field, no player's area, unattractive entrance, no bike racks, dumpster not enclosed



# Athletic Field Evaluation Form

Field Grade:	<b>2.8</b>
--------------	------------

## Westerly Youth Football Field Recreation Complex

Date of Evaluation	6/26/2017		
Type of Field:	Football		
Number of Fields:	1		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	300	160	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)				x	
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>			x		
<b>Average Score = 2.8</b>					

Comments	Recommendations
Some divots/low spots in turf / inconsistent minor bare spots at high wear areas, no player's benches, no site lighting/signage = unsafe	Maintainence, regrade field add benches, add site lighting
Well fed irrigation, 2" main. 1 gate lock broken, drainage issue at bottom of slope	fix gate lock, install drainage

# Athletic Field Evaluation Form

Field Grade:	<b>2.0</b>
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## Westerly Youth Football Field Recreation Complex

Date of Evaluation	6/26/2017		
Type of Field:	Practice		
Number of Fields:	1		
Typical age of users:			
MPR Field Dimensions:	Length	Width	
	320	100	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>			x		
<b>Stand of Turf</b>			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)	None				
<b>Safety</b> (Run-outs, lack of obstructions, etc.).				x	
<b>Support Equipment</b> (goals, players benches, etc.)	None				
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)	None				
<b>Drainage</b>		x			
<b>Average Score = 2.0</b>					

Comments	Recommendations
Some divots/low spots in turf minor bare spots at high wear areas	Maintainenance regrade, add drainage

# Photo Sheets



Main Entrance



Parking Lot and Spectator Area



Concessions / Press Box / Restrooms



North Pedestrian Gate



North Bleachers



South Bleachers



Typical Field Conditions



Typical Practice Field Conditions



Sports Field Lighting



Repainted Goal Posts



Drainage

# Soil Testing Results

## Football Field

### Results

#### Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
<b>Calcium</b>	<b>2059 lbs/acre</b>				
<b>Magnesium</b>	<b>199 lbs/acre</b>				
<b>Phosphorus</b>	<b>1 lbs/acre</b>				
<b>Potassium</b>	<b>283 lbs/acre</b>				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H <sub>2</sub> O)	5.7	<b><u>Element</u></b>	<b><u>ppm</u></b>	<b><u>Soil Range</u></b>
Buffered pH (Mod. Mehlich)	6.4	Boron (B)	0.1	0.1 - 2.0
Est. Cation Exch. Capacity (cmole+/100g)	7.5	Copper (Cu)	0.1	0.3 - 0.8
Exch. Acidity (meq/100g)	1.2	Iron (Fe)	3.0	1.0 - 40.0
		Manganese (Mn)	1.2	3.0 - 20.0
		Zinc (Zn)	0.7	0.1 - 70.0
		Sulfur (S)	29.5	10 - 100
<b><u>Base Saturation</u></b>	<b><u>%</u></b>	<b><u>Suggested</u></b>	Aluminum (Al)	41.2
Potassium	5	2.0 - 7.0	Est. Total Lead (Pb)	low
Magnesium	11	10 - 30		
Calcium	68	40 - 50		

#### Limestone & Fertilizer Recommendations for Established Lawn

##### Limestone (Target pH of 6.6)

25 lbs / 1000 sq ft

# Rotary Park

Existing Conditions



Overall Grade:	<b>3.3</b>
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## Summary Form

### Rotary Park

Address: 91 Airport Road

Size: 17.95

General Description: Small suburban park with paved parking lot, volleyball courts, trail through woods, play area with sensory garden and structures, and tennis courts.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	3.40
Main Tennis	3.10
Tennis Court	3.44
Volleyball	3.13
Playground	3.40
<b>Average Score</b>	<b>3.29</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)			X		
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)					X
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)					X
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)					X
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.				X	
<b>Average Score = 3.4</b>					

#### COMMENTS:

Closes at sundown, one drinking fountain works/one does not, connection to Masatuxet Trail available, Park is not enclosed, no site lighting (except at parking lot/main tennis courts). Childrens garden is a unique feature not available elsewhere in town



# Hard Court Evaluation Form

Court Grade:	<b>3.1</b>
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## Rotary Park

Date of Evaluation	6/26/2017	
Type of Court:	Main Tennis (4) courts	
Number of Courts:	4	
Typical age of users	Adult	
Type of Structure		
Type of Surfacing	Asphalt court with color coating & Chain link fence	
Playing Dimensions	Length:	Width:
	78	36

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)				x	
<b>Court Hardware</b>				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.).					x
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)		x			
<b>Site Lighting</b>	x				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Average Score = 3.1</b>					

Comments	Recommendations
Overall in good condition, minor cracks/puddling Athletic lighting = Parking lights, no site lights some rusting on coated fence resurfacing is necessary some hardware is obsolete/damaged	Crack repair and resurface w/in 2 years Provide tennis specific lighting with timer on at least 2 courts Renovate pavement & Fence in 15 years Reduce tension on tennis nets, consider removing handles

# Hard Court Evaluation Form

## Rotary Park

Court Grade:	<b>3.4</b>
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Date of Evaluation	6/26/2017	
Type of Court:	West Tennis Courts (2)	
Number of Courts:	2	
Typical age of users	Adult	
Type of Structure		
Type of Surfacing	Asphalt court with color coating	
Playing Dimensions	Length:	Width:
	78	36

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					X
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)					X
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)					X
<b>Striping</b> (Completeness, visibility, condition)					X
<b>Fencing</b> (Perimeter fencing, backstops, outfield fencing, etc.)				X	
<b>Court Hardware</b>					X
<b>Safety</b> (Run-outs, lack of obstructions, etc.)					X
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)				X	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		X			
<b>Average Score = 3.4</b>					

Comments	Recommendations
Overall in excellent condition No site/athletic lighting, no seating Fence Light duty, No bottom rail	Maintain Consider lower fence rail to prevent fence fabric bowing Consider resurfacing and crack repair every 5 years

# Athletic Field Evaluation Form

Grade:	<b>3.1</b>
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## Rotary Park

Date of Evaluation	6/26/2017		
Type of Field:	Beach Volleyball		
Number of Fields:	4		
Typical age of users:	Adult		
Court Dimensions (overall):	Length	Width	
	95	100	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>	None				
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)					x
<b>Fencing</b> (Perimeter fencing, gates, etc.)				x	
<b>Irrigation</b> (condition, coverage, reported adequacy)	None				
<b>Safety</b> (Run-outs, lack of obstructions, etc.)				x	
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)			x		
<b>Drainage</b>					x
<b>Average Score = 3.1</b>					

Comments	Recommendations
Sand surface needs maintenance/touch up vegetative growth at perimeter, seating appears insufficient/not ADA accessible, no lighting, boulders near edge of north courts	Maintenance. Relocate boulders away from courts remove vegetation from court area, add appropriate spectator/player seating, Consider adding lighting for night games

# Playground Evaluation Form

## Rotary Park

Grade:	<b>3.4</b>
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Date of Evaluation	6/26/2017
Intended Age Group of Users:	6-12
Type of Surfacing:	Wood Chips
Depth of Surfacing:	12+ inches

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (see attached check list)				X	
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc)					X
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)				X	
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA parking, gates, restrooms, and equipment accessible)				X	
<b>Equipment Serviceability</b> (play structures, spray parks, seating, etc.)					X
<b>Average Score = 3.4</b> This review is general in nature. Playscapes were not reviewed in detail per consumer product safety guidelines.					

Comments	Recommendations
Site is in excellent condition Playground Wood chip surfacing needs mainenance East courts require maintenance site includes 'children's garden'	Maintain play surface, consider mats at high wear areas Maintain play structures

# Photo Sheets



Main Entrance



South Tennis Courts



Puddling at Corners



Crack in Tennis Court Surfacing



Typical 'Sports' Lighting



Rusted Tennis Court Fence



North Tennis Courts



Center Straps at North Courts



Puddling at North Courts



Plywood Backboard at North Courts



Seating at North Courts



Seating at South Courts



Drinking Fountain



Bicycle Racks



Park Entrance



Drop-Off Area



Picnic Grove



Southern Volleyball Courts



Northern Volleyball Courts



Seating at West Tennis Courts



Center Strap West Courts



West Tennis Courts



Gravel Parking Lot



Dumpster Area



5-12 Playground



2-5 Playground



Puddling by West Courts



Trail Connection North



Trail Connection South



Children's Garden



Drinking Fountain - Off



Restroom Building



Gazebo at Play Area



Parking Lot



# Westerly Middle School

## Existing Conditions



Overall Grade:	<b>2.5</b>
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## Summary Form

### Westerly Middle School

Address: 10 Sandy Hill Road

Size: 27.82

General Description: Town middle school with paved and dirt parking lots, soccer field, and baseball field.

Date of Evaluation 6/26/2017

#### Facility Type and Grades:

General Site Conditions	2.60
Soccer	2.50
Baseball	2.33
<b>Average Score</b>	<b>2.48</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)				X	
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)				X	
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)			X		
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)			X		
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.)				X	
<b>Average Score = 2.6</b>					

#### COMMENTS:

Fields are not enclosed/susceptible to vehicle access, Both fields are too small for Middle School level or above. Baseball field not ADA accessible. No field signage, poor arrival sequence.



# Athletic Field Evaluation Form

## Westerly Middle School

Field Grade:	<b>2.5</b>
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Date of Evaluation	6/26/2017		
Type of Field:	Soccer		
Number of Fields:	1		
Typical age of users:	Middle school		
MPR Field Dimensions:	Length	Width	
	300	180	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)			x		
<b>Irrigation</b> (condition, coverage, reported adequacy)			x		
<b>Safety</b> (Run-outs, lack of obstructions, etc.).				x	
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)	None				
<b>Drainage</b>			x		
<b>Average Score = 2.5</b>					

Comments	Recommendations
some minor divots/low spots in turf. Small field invasives found, drainage issues, field not enclosed	Intensive Maintenance on turf, Aerate, topdress, fert. Overseed to relieve compaction. Remove invasive plants at perimeter,
Dry - Check Irrigation timing	Provide accesible access walk, repair players areas
no spectator seating, no potable water provided	Maintain/ Monitor Irrigation, provide seating

# Athletic Field Evaluation Form

## Westerly Middle School

Field Grade:	<b>2.3</b>
--------------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Baseball		
Number of Fields:	1		
Typical age of users:	Middle School/High School		
Field Dimensions:	Foul	Center	Baseline
	275	275	90

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)			x		
<b>Irrigation</b> (condition, coverage, reported adequacy)			x		
<b>Safety</b> (Run-outs, lack of obstructions, etc.)				x	
<b>Support Equipment</b> (goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Drainage</b>			x		
<b>Average Score = 2.3</b>					

Comments	Recommendations
some minor divots/low spots in turf drainage issues on access, not ADA accessible minimal seating, no room for players areas Backflow preventer appears damaged	Maintenance, intensive topdressing/aeration/fert. To relieve compaction Consider fill behind players areas for more space Provide access walk to play area for ADA compliance Maintain irrigation, monitor and add spectator seating

# Photo Sheets



Porta-Potty at Baseball Field



Maintenance Drive to Field



Warning Strip at Baseball Field



Foul Pole at Baseball Field



Bleachers at Baseball Field



Monument at Baseball Field



Storage Building



Drainage Issues



Typical Conditions at Baseball Field



Drainage Issues



Visitor's Player's Area at Baseball



'Pee' Trail



Conditions at Home Plate



Home Player's Area at Baseball



Puddling at Baseball Field



Drainage Issues



Maintenance Access and Porta-Potties



Southern Backflow Preventer at Soccer



Manholes in Gravel Parking Lot



Drainage Issues at Gravel Drive



Typical Conditions at Soccer Field



Northern Backflow Preventer at Soccer



Player's Area at Soccer



Wear at Sidelines



Wet Areas at Sidelines



Maintenance Drive and Storage Building



Crown at Soccer Field



Wear at Soccer Field



Wear at Soccer Field



# Soil Testing Results

## Soccer Field

### Nutrients Extracted From Your Soil (Modified Morgan)

		Below Optimum	Optimum	Above Optimum	Excessive*
Calcium	696 lbs/acre				
Magnesium	94 lbs/acre				
Phosphorus	1 lbs/acre				
Potassium	216 lbs/acre				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H2O)	5.5	<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>	
Buffered pH (Mod. Mehlich)	6.4	Boron (B)	0.0	0.1 - 2.0	
Est. Cation Exch. Capacity (cmole+/100g)	4.4	Copper (Cu)	0.1	0.3 - 0.8	
Exch. Acidity (meq/100g)	2.0	Iron (Fe)	12.3	1.0 - 40.0	
		Manganese (Mn)	0.5	3.0 - 20.0	
		Zinc (Zn)	0.1	0.1 - 70.0	
<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>	Sulfur (S)	13.5	10 - 100
Potassium	6	2.0 - 7.0	Aluminum (Al)	104.1	10 - 300
Magnesium	9	10 - 30	Est. Total Lead (Pb)	low	
Calcium	40	40 - 50			

### Limestone & Fertilizer Recommendations for Established Lawn

#### Limestone (Target pH of 6.6)

50 lbs / 1000 sq ft

### Nutrients Extracted From Your Soil (Modified Morgan)

## Baseball Field

		Below Optimum	Optimum	Above Optimum	Excessive*
Calcium	620 lbs/acre				
Magnesium	131 lbs/acre				
Phosphorus	3 lbs/acre				
Potassium	296 lbs/acre				

\* Excessive only defined for Phosphorus (>40 lbs/acre)

Soil pH (1:1, H2O)	5.5	<u>Element</u>	<u>ppm</u>	<u>Soil Range</u>	
Buffered pH (Mod. Mehlich)	6.3	Boron (B)	0.0	0.1 - 2.0	
Est. Cation Exch. Capacity (cmole+/100g)	5.6	Copper (Cu)	0.1	0.3 - 0.8	
Exch. Acidity (meq/100g)	3.1	Iron (Fe)	14.9	1.0 - 40.0	
		Manganese (Mn)	1.0	3.0 - 20.0	
		Zinc (Zn)	0.5	0.1 - 70.0	
<u>Base Saturation</u>	<u>%</u>	<u>Suggested</u>	Sulfur (S)	12.8	10 - 100
Potassium	7	2.0 - 7.0	Aluminum (Al)	93.7	10 - 300
Magnesium	10	10 - 30	Est. Total Lead (Pb)	low	
Calcium	28	40 - 50			

### Limestone & Fertilizer Recommendations for Established Lawn

#### Limestone (Target pH of 6.6)

50 lbs / 1000 sq ft

# Westerly High School

## Existing Conditions



## Summary Form

Overall Grade:	<b>2.7</b>
----------------	------------

### Westerly High School Complex

**Address:** 23 Highland Avenue / 44 Park Avenue / 23 Ward Avenue

**Size:** 22.81

**General Description:** Three school used fields on the High School/Babcock Hall School campus Main field amenities include adjacent paved parking lots, track and field with events, bleachers, lighting and concessions

**Date of Evaluation** 6/26/2017

#### Facility Type and Grades:

General Site Conditions	2.80
Main Field	2.73
Quad Field	3.13
Practice Field	2.17
Track	2.90
Field Event	2.57
<b>Average Score</b>	<b>2.72</b>

#### Grading Legend

- 1 = Inadequate
- 2 = Poor
- 3 = Good
- 4 = Excellent

#### General Site Conditions:

Score	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Safety and Security</b> (site lighting, fencing, play surfacing/structures, etc.)				X	
<b>Appearance</b> (Welcoming entrance, landscaping/natural surface, special element, e.g. spray park, social gathering space, etc.)				X	
<b>General Accessibility</b> (condition of walkways, legibility of signage, clarity of rules, trip hazards, bike corrals)				X	
<b>ADA Compliance</b> (walkways, ramps at appropriate grades, ADA Parking, gates restrooms and equipment accessible)				X	
<b>Equipment &amp; Serviceability</b> (furnishings, play structures, water fountain, buildings, restrooms, furnishings, trash and recycling bins, sports equipment, site drainage, athletic lighting.			X		
<b>Average Score = 2.8</b>					

#### COMMENTS:

Visitor bleachers not to code, or accessible. Some amenities missing. Lighting is in need of replacement. Augeri field drainage and condition is poor for a field with restricted usage. Augeri field is too small for soccer safety run-outs. Both fields are in heavy demand and are overused.

# Athletic Field Evaluation Form

## Westerly High School Complex

Field Grade:	<b>2.7</b>
--------------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Augeri Field on Track Interior		
Number of Fields:	1		
Typical age of users:	High School and Older		
MPR Field Dimensions:	Length	Width	
	360	195	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)				x	
<b>Irrigation</b> (condition, coverage, reported adequacy)				x	
<b>Safety</b> (Run-outs, lack of obstructions, etc.).			x		
<b>Support Equipment</b> (goals, players benches, etc.)				x	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)			x		
<b>Site Lighting</b>					x
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>			x		
<b>Average Score = 2.7</b>					

Comments	Recommendations
No surface drainage at field perimeter, Field not consistently graded (low spots, drop offs, etc). Field use restricted to preserve condition. Narrow width, no run-outs for soccer or wider field sports (LAX, Soccer)	Re-install under drainage. Install perimeter surface drainage. Intensive turf maintenance: aerate, topdress, overseed. Consider installing gravel blanket below topsoil Consider this location for synthetic turf due to surrounding infrastructure and demand for use. Replace visitor bleachers. Replace lighting with modern lighting system

# Athletic Field Evaluation Form

## Westerly High School Complex

Field Grade:	<b>3.1</b>
--------------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Quad Field-Soccer, Multipurpose		
Number of Fields:	1		
Typical age of users:	High School		
Field Dimensions:	Length	Width	
	360	210	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Stand of Turf</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.).				x	
<b>Support Equipment</b> (goals, players benches, etc.)	None				
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>					x
<b>Spectator Seating</b> (condition, size, accessibility, etc.)		x			
<b>Drainage</b>				x	
<b>Average Score = 3.1</b>					

Comments	Recommendations
Recently re-sodded. Overutilized, but in Good condition, poor crown drainage, no field amenities (seating, fencing, goals). Balls at west end travel great distances Grade drops off steeply at sidelines	Maintenance, regrading sidelines, (some tree removal?). Consider fencing at West end, Consider players amenities. Consider Synthetic turf at this location due to over-use, large size, and location at high school

# Athletic Field Evaluation Form

## Westerly High School Complex

Field Grade:	<b>2.2</b>
--------------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Practice (freshman Football)/Track field events		
Number of Fields:	1		
Typical age of users:	High School		
Field Dimensions:	Length	Width	
	300	160	

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				x	
<b>Stand of Turf</b>			x		
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)			x		
<b>Striping</b> (Completeness, visibility, condition)	None				
<b>Fencing</b> (Perimeter fencing, gates, etc.)	None				
<b>Irrigation</b> (condition, coverage, reported adequacy)	None				
<b>Safety</b> (Run-outs, lack of obstructions, etc.)			x		
<b>Support Equipment</b> (goals, players benches, etc.)			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)	None				
<b>Drainage</b>			x		
<b>Average Score = 2.2</b>					

Comments	Recommendations
some minor divots/low spots in turf Patchy grass, compacted turf, gravelly, no seating, no irrigation, Broken goal	Intensive Turf Maintenance consider irrigation Consider relocating overlapping track throwing events

# Track Evaluation Form

## Westerly High School Complex

Grade:	<b>2.9</b>
--------	------------

Date of Evaluation	6/26/2017		
Type of Field:	Track		
Number of Fields:	1		
Surfacing	Asphalt base with rubberized surfacing (red)		
Dimensions:	Lanes	Lane Width	
	6	3.5'	400 Meter

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>					x
<b>Condition of Surfacing</b>				x	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, etc.)				x	
<b>Striping</b> (Completeness, visibility, condition)				x	
<b>Fencing</b> (Perimeter fencing, gates, etc.)					x
<b>Safety</b> (Run-outs, lack of obstructions, etc.).			x		
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)			x		
<b>Site Lighting</b>				x	
<b>Spectator Seating</b> (condition, size, accessibility, etc.)				x	
<b>Drainage</b>			x		
<b>Average Score = 2.9</b>					

Comments	Recommendations
No interior surface drainage at track Athletic lighting is out of date, Visitor bleacher out of date	Replace athletic lighting. Replace visitor bleachers with accessible, code compliant bleachers (see field evaluation)

# Field Event Evaluation Form

## Westerly High School Complex

Grade:	<b>2.6</b>
--------	------------

Date of Evaluation	6/26/2017
Type of Events:	Shot put; Discus; High Jump; Pole Vault; L/T Jumps
Jumping & Throwing Events:	one each

	N/A	Inadequate (1)	Poor (2)	Good (3)	Excellent (4)
<b>Geometry</b>				X	
<b>Condition of Structure and Surfacing</b> (cracks, delamination, etc.)				X	
<b>Planarity</b> (playing surface - lack of dips, heaves, holes, correct slopes, etc.)				X	
<b>Striping</b> (Completeness, visibility, condition)			X		
<b>Hardware</b>			X		
<b>Safety</b> (Run-outs, lack of obstructions, etc.).			X		
<b>Support Equipment</b> (bases, batting cages, goals, players benches, etc.)				X	
<b>Athletic Lighting</b> (reported adequacy, lack of spill / glare, general condition, etc.)	None				
<b>Site Lighting</b>	None				
<b>Spectator Seating</b> (condition, size, accessibility, etc.)	None				
<b>Average Score = 2.6</b>					

Comments	Recommendations
Shotput is small, some runways are short higher surface at high-use areas= tripping hazards, older equipment. Discus ring broken. Throwing events are remote from track facility. Conditions Vary	Repair discus ring. Maintain sand pits and other amenities. Consider relocating throwing events if opportunity arises.

# Photo Sheets



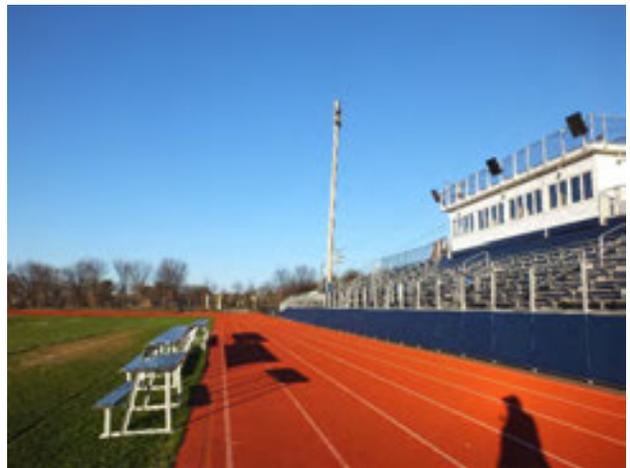
Augeri Field Main Entrance



Walkway Under Home Bleachers



Concessions Building



Home Bleachers and Track



Monument at Track



Track Surfacing



Drainage Issues



Vehicular Entrance at Track



Conditions at Football Goal Post



Field Conditions



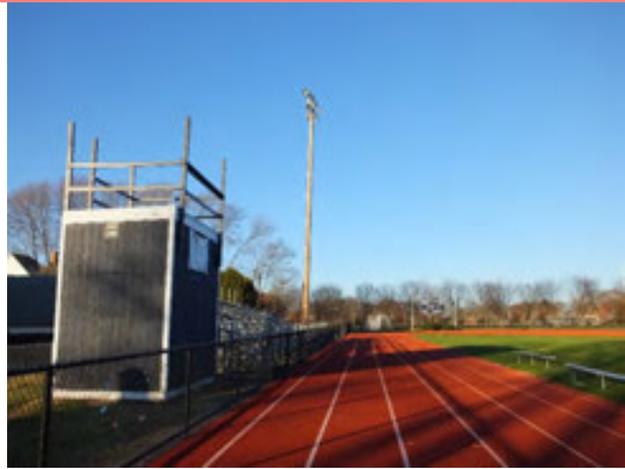
Field Conditions



Field Conditions



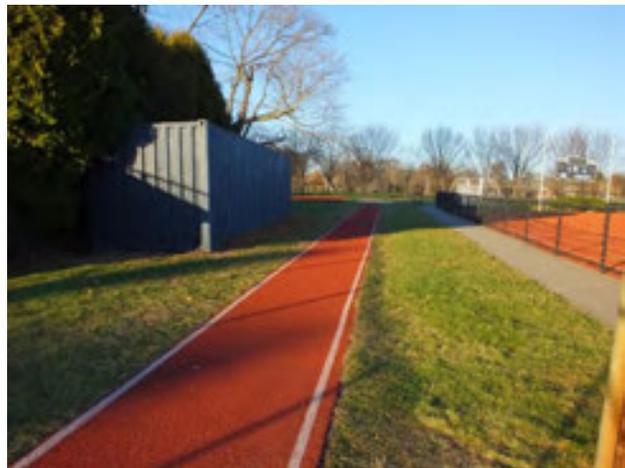
Painted and Rusting Goal Posts



Visitor Bleachers and Camera Deck



Long/Triple Jump Pit



Long/Triple Jump Runway



High Jump Pad



Scoreboard at Track



Field Conditions at Quad



Field Conditions at Quad



Crosswalk to Practice Field



Walkway at Practice Field



Discus Pad



Field Conditions at Practice Field



Obsolete Goal Posts



Shot Put Sector



Second Discus Pad



Shot Put Circle



Second Entrance to Augeri Field

# Needs Assessment

## *Detailed Field Demand*



# **Athletic Field Needs Assessment**

## **Section 1.0 Introduction**

A critical component of any athletics and recreation master plan is to identify who is using each field, and how often are they using them. For planning purposes there are two major goals of the demand determination calculations. The first goal is to determine raw field usage and document which athletic programs are using which fields, and how much. This data will affect how priorities are rated, and how fields scheduling is accommodated. The second goal is to determine how that usage of the fields affects maintenance requirements. Each sport wears a field differently. Football wears a field more than baseball, and Lacrosse wears a field differently than field hockey.

No study can hope to document every field use, or every specific type of usage, or the exact degree of wear on that field associated with a specific use. Youth sports use fields differently than adult sports, soccer wears a field differently than football, practice wears a field differently than a game. To attempt to measure that difference in wear between sports planners apply usage multipliers to the raw scheduling data in order to estimate the amount of wear on a field caused by those uses. The goal of this exercise is to confirm which fields are being overused, specifically fields that are being over used to a point of not being able to sustain a viable growth of turf.

The industry standard for the limits of being able to maintain a viable stand of grass, on a municipal maintenance budget, is between 200 and 250 uses per year. A 'use' being defined as a game, 2 hours long, with 11 players per team. Between 200 and 250 uses per year is considered borderline sustainable. The viability of the turf on that field is highly dependent on the quality of maintenance provided. Over 250 uses per year is considered unsustainable for growing turf for municipal fields maintained with typical municipal budgets.

The following sections consists of a narrative, methodology, recommendations, a Field Usage Summary Table and A Field Usage Summary Table with Multipliers. The Field Usage Summary Tables document the field Uses per field per year in a graphical manner, both with and without usage multipliers. This volume further includes explanations of the methodology used in this volume.

## **Section 1.1 Fields and Amenities Demand Methodology**

For the purposes of evaluating field demand, turf wear, degradation and needed maintenance the amount of USE a field receives provides a measure of its condition. A field 'USE' is considered 2-hour game or practice involving two teams or approximately 22 athletes using a field for 2 hours. It is worth noting that a synthetic turf field can withstand any amount of use that can be effectively scheduled. For synthetic turf, the annual total use quantity is between 500 and 750 uses per synthetic turf field, depending on if athletic lighting is provided for the field.

### Athletic Field Terminology:

*Baseball Field:* Has grass on the infield surrounding the pitcher's mound. The Pitcher's mound is an elevated mound in the center of the infield. Typical baseball field dimensions include:

Little League fields: Have a 60' distance between bases (baseline) and a 200' outfield (minimum distance from home plate to the outfield fence)

Baseball field (High School level and higher) have a 90-foot baseline and a preferred distance from home plate of 310 feet at left and right field and 350 feet to center field.

*Softball Field:* Has an infield that is fully 'skinned', which means the pitcher's circle is surrounded by infield material (no grass on the infield). Softball fields do not have a pitcher's mound, the pitching rubber is at the same elevation as the infield. Softball fields are smaller than baseball and typically have a 60' baseline and a minimum 200' outfield for most levels of play.

*Multipurpose Rectangular Field (MPRF):* MPRF sizes can vary greatly depending of level of use (e.g. youth soccer or High School Soccer) or sports played (lacrosse, football). In the United States a MPRF typically is used for some combination of soccer, football, lacrosse and field hockey. For High School level sports (or better) the preferred dimensions of the field is 385'x230'. This dimension can fit all the common athletic field sizes for adult play, with safety runouts around the perimeter of the field.

*Dedicated Rectangular Field (by sport):* Dedicated fields are fields that are only used by one sport (e.g. Football). Similar to MPR Fields, sizes can vary greatly depending of level of use (e.g. youth soccer or High School Soccer) or the sport played (lacrosse, football). Where indicated the sport and level of this type of field is indicated. This is important as smaller fields (e.g. American Football) cannot be used by other sports that require larger field area, or an athletic program may prohibit use of the field by other programs in order to prevent wear.

*Combination fields:* Combination fields include a Softball or Baseball field which shares its outfield with a multipurpose rectangular field. For usage calculations, these fields are counted as a single field, however different multipliers are used depending on the sports played.

BSC developed a field use matrix for all the athletic programs in Westerly that use Town facilities reviewed as part of this report. The quantities listed in the Summary Matrix were obtained from user group websites, sports user groups, school sports schedules and recreation staff. All data reflects field use between the Spring, Summer and Fall 2016 seasons. The totals from this matrix provide a quantification of the documented field uses for each field, at each park, across the Town for a year. Though detailed and thorough, the use data provided should not be considered as 100% of the uses on Town parks. There are additional uses (spontaneously scheduled practices, rescheduled games and informal 'pickup' uses) that are not able to be documented or included in these use/demand estimates.

There are approximately 4585 annually scheduled uses on Westerly’s athletic fields. These are distributed over a population of twenty-one (21) fields throughout the Town. This quantity includes undersized facilities that are on the Town roster of athletic fields and that are typically scheduled for athletic usage. The usage of various fields varies widely. Isolated, relatively remote, undersized fields receive the least use (e.g. Craig Field), and larger fields, with amenities and parking receiving the most use (e.g. Gingerella, High School.)

The field usage numbers identify a number of facilities that receive more than 200 uses per year: The High School Quad Field, which is heavily used by both High School sports programs and the Community, all the fields at Gingerella Sports Complex, which is used by both youth soccer and high school practice soccer and all the (baseball and softball) fields at Cimalore Park.

Field usage numbers are an indicator of field condition, and should not be confused with the actual condition of the fields. An example of this is Augeri field which is in poor condition but has restricted use well below 200 events per year. Conditions can be a factor of many things, field construction, play during wet conditions, maintenance or other factors that degrade field conditions.

**Analysis of the Fields points to the following:**

*Softball and Baseball fields* are in high demand, especially at Cimalore – all softball and baseball numbers for this park are over the recommended usage. (Note that little league only uses the privately run Trombino complex)

*Rectangular Fields with Infrastructure (lighting, parking, concessions, bleachers – High school and Gingerella)* are in great demand, usage numbers are over the recommended amount for both facilities (with the exception of Augeri Field which is restricted to only games & band practice)

The majority of the MPR fields in Town are undersized for play at or over the High School level. In addition, some fields are isolated and are not configured for large sports programs. (e.g. limited parking or the inability to use multiple fields at once.) The exceptions to this are the High School, Gingerella Fields and Cimalore Fields.

It is also useful to look at the type of field and size of field to determine why fields are being used or not used. The following tables provide the calculation of the demand and a breakdown by uses.

**Table 1 - Inventory Analysis**

<b>Inventory</b>	<b>Qty</b>	<b>Comments</b>
Total Fields	21	
Informal/partial/Youth fields	-12	WHS practice, Bradford Preserve (2), Cimalore infield, Shared softball, Gingerella youth fields (6) and Westerly Youth FB practice field
<b>Dedicated Usable Total</b>	<b>9</b>	Dedicated youth and adult size MPR rectangular Fields, Baseball and softball

Of the nine (9) dedicate usable fields only 3 MPR fields are sized for HS level or better. The 9-dedicated usable adult fields serve a population of 22,787 (2,532 citizens per field). All fields are natural turf. (2010 Census Data)

**Table 2 – Regulation Field Types**

Existing Field Type	Qty.
Multi-Purpose Rectangular Fields (WHS quad, Gingerella F)	2
Dedicated Rectangular 'Game' fields (WY Football, Augeri)	2
Softball Fields (Cimalore A & B, Craig Field)	3
Baseball (90' Diamond) (Cimalore Field, WMS Baseball)	2
Baseball (60' Diamond) (none)	0
Shared Softball (Cimalore C – overlapping outfield w Cimalore B)	1

**Table 3 – Use-by-Type Analysis**

Demand Type	Qty. of Uses
Youth Soccer Uses	2008
Softball Uses	1444
90' baseball uses	386
Lacrosse Uses	219
Football uses	188
60' baseball uses	0

Softball uses (mostly community and youth programs) and youth soccer uses, and participation far outweigh the quantity of uses of other sports. This must be taken into consideration in the calculation of the planning program.

It should be noted that town (and schools) lack a Field Hockey program/field and a full size 60' baseball field (little league size) that is owned by the municipality. Little League is operated on the privately run Trombino Sports complex.

### **Section 3.2 – Field Usage Summary Tables**

The attached field summary tables, provides a summary of the total uses of each facility in the Town of Westerly. There are two attached tables. The first table documents the raw field usage (scheduling) numbers. The second table shows the raw field usage numbers adjusted with ‘usage multipliers’, which are explained below.

The color coding of columns to the left and right-hand sides of the sheet represent the following:

Red	Greater Than 250 Uses Per Year*
Yellow	200 – 250 Uses Per Year
Green	Less Than 200 Uses Per Year
Blue	Indicates Youth fields, middle school size or below.

*Refer to – Field Usage Summary Tables: “No Multipliers” & “With Multipliers”*

#### **Section 3.2.1 Field Usage Summary Tables and Usage Multipliers**

While the raw number of scheduled team uses is important to gain an understanding of field space adequacy and turf quality, it can be misleading. Scheduled uses on a sport by sport basis do not accurately correlate to turf conditions. For example: Football play is more deleterious to turf conditions than Little League baseball and Youth Soccer does not wear a field to the same degree as Adult Soccer. Larger, more competitive athletes cause higher stress loads, divots and damage on a natural turf playing surface. Also, different sports cause damage to turf in different areas. For example, football causes turf to wear mostly in the center of the field between the hash marks, while soccer and lacrosse cause wear at the goals, at center field and along the sidelines. As a result, planners must also account not only for the number of uses, but for the type of use and age of the participants. This difference in how sports wear fields differently is reflected in the usage tables by applying an impact factor (usage multiplier) to the raw field use data.

USAGE MULTIPLIERS USED IN THIS REPORT:

<b>ACTIVITY</b>	<b>MULTIPLIER</b>	<b>REASON/LOGIC</b>
Baseball/Softball	0.75	Only one team on field at a time
Soccer	1.00	Baseline sport. Little Ground contact
Youth Soccer	0.6	Smaller, lighter, less aggressive players
Football	1.75	Aggressive foot rotation, body contact with turf
Lacrosse	2.00	Aggressive foot rotation, wear at creases
Marching Band	2.00	Flat soled shoes, marching in-place, foot rotation, repetitive formations on lines cause soil compaction/wear
Sports Practice	1.5	Multiple teams on fields at once
Various Events	1.5	Graduation, camps, tournaments all cause additional wear and soil compaction.

BSC has typically assigned an impact factor of 1.0 to men’s & women’s soccer as the average activity in terms of field impact and deterioration. Adult football is twice as damaging to the turf and, as such, assign it a 2.0 impact factor. Similarly, Little League level baseball has less impact

on turf condition and is assigned an impact factor of .75. Other impact factors for various sports were assigned accordingly and multiplied by the number of scheduled uses for each type of activity to yield 'equivalent' team uses in terms of turf damage and impact. The results are included on the second table attached to the end of this volume 'Field Usage Summary with Multipliers'.

While adding multipliers to the scheduling data is somewhat subjective and imprecise, it more accurately accounts for differences in the impact on turf condition depending on the type of use on the athletic fields across the Town. The modified use data for fields which are routinely used for high impact sports, such as lacrosse or football, tend to be higher than actual scheduled uses; while those for fields which are routinely used primarily for baseball and softball will be less. Curiously the overall modified usage numbers are usually very close to the overall unmodified numbers, due to the balance in low impact uses (1.0 multiplier or less), to high impact uses (More than 1.0 Multiplier).

The resulting field Modified demand data more accurately reflects the amount of usage, and resulting wear and maintenance needed for each of the fields. This is especially evident at Gingerella fields which show a lower modified usage due to the large amount of youth level play.

Unfortunately, the usage (both raw and modified) data does not document uses that are displaced because of lack of availability (e.g. Soccer uses that are scheduled out of town, because regulation size Westerly fields are not available). The usage data also does not fully reflect uses that are occurring on substandard fields because regulation fields are not available. (e.g. High School Soccer using the Middle School Field for practice)

### **Section 3.3 – Field Usage Conclusions**

The results of the field usage analysis are based both on public comment and the scheduling and usage numbers that were gathered from the various sports programs. Usage numbers do not reflect pent-up demand or uses that have gone elsewhere due to lack of availability.

Larger facilities with infrastructure are typically in high demand. Lighted fields allow working parents (or athletes) to attend games. Bleachers and concessions add to the community experience and can allow ticketing and revenue collection. Parking and restroom facilities allow easy use and access to facilities. Facilities with multiple fields need less supervision and coaching staff to manage, and facilities with other amenities (e.g. walking trails, playscapes) allow other family members to enjoy recreation while athletes are training.

The field demand and programming evaluation also reveals some of the following:

- Restricted Use Game Fields (Augeri and Westerly Youth Football) reduce available fields and increase demand on other fields. The cost of infrastructure associated with these fields (parking bleachers lights) increases the 'cost per use' of these fields dramatically.
- Gingerella and Cimilore fields are heavily used, but in good condition. Because of the heavy use of these fields, any hiccup in maintenance will be seen quickly in degraded field conditions.
- High School Quad field, Gingerella G, and all the Cimilore fields are overused.
- Augeri field demand numbers do not reflect the poor condition of this field.

- Out of 21 fields in town:
  - 12 are Youth sized, practice fields or are marginally playable.
  - 2 are dedicated game fields (Augeri, Old Hopkinton)
  - only 2 are High School Level or better acceptable for multipurpose use. (the High School Quad and Gingerella G)
- Title IX considerations: Women's Lacrosse: Only the Quad and Gingerella G are sized adequately for women's lacrosse. High School Field Hockey: The high school does not currently have a Field Hockey Program. Field Hockey is a relatively small field (fits on top of American Football), but requires good planarity and turf conditions for consistent ball play. Adding this program will add to current field demand. Equal facilities should be provided for girls softball and boys baseball facilities.
- **Re-allocating over use. Additional Fields are Needed:** Review of the usage summary tables indicates that Gingerella youth fields are overused and the High School Quad field is overused and all the Cimilore fields are over used. Using Modified usage numbers we can conclude the following:
 

Rectangular Fields (youth): Approximately 135 youth field uses need to be accommodated elsewhere to keep usage of all Gingerella Youth fields at around 200 /year/field *135 uses = approx. 1 natural turf youth field (U12 or larger).*

Rectangular Fields (High School plus):

*Plus* Between Gingerella G and the Quad field (Full size MPR), Approximately 519 excess uses need to be accommodated elsewhere to keep usage at around 200 /year/field

*519 uses = approx. 2.5 natural full size Natural field.*

Conclusion – Rectangular Fields: the equivalent of 2 full size and 1 youth rectangular natural turf fields need to be added to the Westerly Fields Inventory to reduce usage on over-used fields and increase turf quality and availability of all facilities.

Baseball Diamonds: 82 excess uses from the Cimilore baseball field need to be accommodated elsewhere to keep usage of all Gingerella Youth fields at around 200 adjusted uses per year. This works out to 0.41 of the expected use of a field.

Softball Diamonds: 289 excess uses from the Cimilore softball fields need to be accommodated elsewhere. 289 uses divided by 200 uses per field equates to an additional 1.4 softball fields needed to be accommodated elsewhere to keep the level of usage sustainable.

Conclusion – Baseball and Softball Fields: Based on the above, and knowledge that school enrollments will be declining through 2025 it is suggested that usage for some baseball and softball be shifted to the Middle school baseball field, or to Craig field, both of which are currently under-used. These fields may have to be updated to accommodate the additional usage. Even with these shifts in usage, the town should pursue construction of an additional softball field if the opportunity arises.

How these excess uses and the need for additional fields is accommodated can occur in a number of ways: Additional fields can be constructed. Usage can be re-distributed to other fields. Existing facilities can be converted to synthetic turf. Maintenance budgets can be increased to mitigate over-use are some of the methods. The recommended method for mitigating over-use will be addressed in the planning portion of this report and will be the product of input from town agencies, leaders and community input.

The parks inventory and evaluation, is intended to provide the Town with easy-to-digest information on the usage of each park so that parks staff can evaluate and prioritize what improvements needs to be made to Town fields. The usage data is one tool to document both under-used facilities as well as facilities that are in high demand and overused. The ultimate decision on where and how to improve fields will include a balance of considerations such as existing parking, existing amenities, proximity and improvements that can increase the ability of a field to sustain a greater level of use, such as synthetic turf or irrigation.



FIELD USAGE SUMMARY TABLE																							SUMMARY SHEET			
Westerly Athletic Field Needs Assessment															Green	Less than 200 events per year										
No multipliers															Yellow	Between 200 and 250 events per year										
MPRF Multi-Purpose Rectangular Field															Red	Greater than 250 events per year										
All numbers based on a 'Normal' event: (2) 11 player teams on a field for 2 hours															Blue	Undersized Fields, non regulation (Middle school Level and below)										
Facility/Fields	Approx. Field Size (feet)	TOTALS	Baseball - V/ JV/F	Softball - V /JV	Boys Soccer V/JV	Girls Soccer V/JV	Football - V/JV/F	Boys LAX V/JV/F	Girls LAX V/JV/F	Field Hockey V/JV	Practice (any)	Band Practice	Westerly Girls Softball league	Westerly Youth Soccer	Softball Mens League	Softball Co-ed	Youth Football	Youth Lacrosse	Cheerleading	Connie Mack	White Fire	Sea Devils	Adult Leagues	physical education	Various Events	TOTALS
<b>SCHOOLS</b>																										
LF/RF																										
<b>Westerly High School</b>																										
Augeri Field (stadium)	360'x195'	133.0			20.0	20.0	15.0	8.0	8.0		24.0													14.0	24.0	133.0
Quad Field	360'x210'	328.0					60.0	32.0	80.0		24.0												12.0	120.0	328.0	
Practice Field	300'x160'	0.0																								0.0
<b>Westerly Middle School</b>																										
Soccer Field	300'x180'	106.0			11.0	11.0					44.0													40.0	106.0	
Baseball Field	90' Base line, 275' outfield	90.0	40.0								10.0												40.0		90.0	
<b>PARKS</b>																										
<b>BradFord Preserve</b>																										
North Fields (upper)	large 100x60	110.0									66.0							24.0					8.0	12.0	110.0	
South Fields (lower)	large 100x60	109.0									77.0							20.0						12.0	109.0	
<b>Cimalore Field</b>																										
Baseball Field	90' Base line, 310' R-L 360' CF	296.0	120.0																	42.0	54.0			80.0	296.0	
Little League infield	60' Baseline, 50' outfield	380.0										180.0											120.0	80.0	380.0	
Softball A	60' Base Line, 225' outfield	500.0		60.0								180.0										120.0	60.0	80.0	500.0	
Softball B&C	60' Base Lines, 225' outfield shared	440.0		60.0								180.0										120.0		80.0	440.0	
<b>Craig Field</b>																										
Softball Field	70' base line LF 275,CF 301 RF 297	124.0													97.0	27.0									124.0	
<b>Gingerella Field</b>																										
Soccer A (west)	micro U8 135'x 90'	284.0												284.0												284.0
Soccer B (west)	micro U8 135'x90'	334.0												284.0										50.0	334.0	
Soccer C (center N)	U10 180'x120'	284.0												284.0												284.0
Soccer D (NE)	U10 180'x120'	284.0												284.0												284.0
Soccer E (SW)	U12 225'x150'	334.0												284.0										50.0	334.0	
Soccer F (center S)	U12 225'x150'	334.0												284.0										50.0	334.0	
Soccer G (SE)	U14/16 330'x195'	458.0								104.0				304.0										50.0	458.0	
<b>Westerly Youth Football (Old Hopkinton)</b>																										
Football Field	360'x160'	48.0															15.0		33.0						48.0	
Practice Field	330'x160'	65.0									65.0														65.0	
<b>TOTAL</b>		<b>5041.0</b>	<b>160</b>	<b>120</b>	<b>31</b>	<b>31</b>	<b>75</b>	<b>40</b>	<b>88</b>	<b>0</b>	<b>366</b>	<b>48</b>	<b>540</b>	<b>2008</b>	<b>97</b>	<b>27</b>	<b>15</b>	<b>44</b>	<b>33</b>				<b>94</b>	<b>200</b>	<b>568</b>	<b>4585.0</b>

FIELD USAGE SUMMARY TABLE																									SUMMARY SHEET											
Westerly Athletic Field Needs Assessment															Green	Less than 200 events per year																				
With Multipliers															Yellow	Between 200 and 250 events per year																				
															Red	Greater than 250 events per year																				
															Blue	Undersized Fields, non regulation (Middle school Level and above)																				
Usage Multipliers															0.75	0.75	1.00	1.00	1.75	2.00	2.00	1.00	1.50	2.00	0.60	0.60	0.75	0.75	1.75	1.75	0.75	0.75	0.75	0.75	1.00	1.50
Facility/Fields	Approx. Field Size (feet)	TOTALS	Baseball - V/ JV/F	Softball - V/ JV	Boys Soccer V/JV	Girls Soccer V/JV	Football - V/JV/F	Boys LAX V/JV/F	Girls LAX V/JV/F	Field Hockey V/JV	Practice (any)	Band Practice	Westerly girls Softball league	Westerly Youth Soccer	SoftballMens League	Softball Co-ed	Youth Football	Youth Lacrosse	Cheerleading	Connie Mack	White Fire	Sea Devils	Adult Leagues	physical education	Various Events	TOTALS										
<b>SCHOOLS</b> LF/RF																																				
<b>Westerly High School</b>																																				
Augeri Field (stadium)	360'x195'	192.8			20.0	20.0	26.3	16.0	16.0		48.0													10.5	36.0	192.8										
Quad Field	360'x210'	506.0					105.0	64.0	160.0		48.0												9.0	120.0	506.0											
Practice Field	300'x160'																																			
<b>Westerly Middle School</b>																																				
Soccer Field	300'x180'	128.0			11.0	11.0				66.0														40.0		128.0										
Baseball Field	90' Base line, 275' outfield	85.0	30.0							15.0														40.0		85.0										
<b>PARKS</b>																																				
<b>BradFord Preserve</b>																																				
North Fields (upper)	large 100x60	165.0								99.0								42.0					6.0	18.0	165.0											
South Fields (lower)	large 100x60	168.5								115.5								35.0							18.0	168.5										
<b>Cimalore Field</b>																																				
Baseball Field	90' Base line, 310' R-L 360' CF	282.0	90.0																	31.5	40.5				120.0	282.0										
Little League infield	60' Baseline, 50' outfield	318.0										108.0											90.0		120.0	318.0										
Softball A	60' Base Line, 225' outfield	408.0		45.0								108.0											90.0	45.0	120.0	408.0										
Softball B&C	60' Base Lines, 225' outfield shared	363.0		45.0								108.0											90.0		120.0	363.0										
<b>Craig Field</b>																																				
Baseball Field	70' base line LF 275,CF 301 RF 297	93.0													72.8	20.3										93.0										
<b>Gingerella Field</b>																																				
Soccer A (west)	micro U8 135'x 90'	170.4												170.4												170.4										
Soccer B (west)	micro U8 135'x90'	170.4												170.4												170.4										
Soccer C (center N)	U10 180'x120'	245.4												170.4										75.0		245.4										
Soccer D (NE)	U10 180'x120'	170.4												170.4												170.4										
Soccer E (SW)	U12 225'x150'	245.4												170.4										75.0		245.4										
Soccer F (center S)	U12 225'x150'	245.4												170.4										75.0		245.4										
Soccer G (SE)	U14/16 330'x195'	413.4								156.0				182.4										75.0		413.4										
<b>Westerly Youth Football (Old Hopkinton)</b>																																				
Football Field	360'x160'	51.0															26.3		24.8							51.0										
Practice Field	330'x160'	97.5								97.5																97.5										
<b>TOTAL</b>		<b>4518.6</b>	<b>120</b>	<b>90</b>	<b>31</b>	<b>31</b>	<b>131.25</b>	<b>80</b>	<b>176</b>		<b>549</b>	<b>96</b>	<b>324</b>	<b>1204.8</b>	<b>72.75</b>	<b>20.25</b>	<b>26.25</b>	<b>77</b>	<b>24.75</b>				<b>70.5</b>	<b>200</b>	<b>852</b>	<b>4176.6</b>										

# Appendices





# Appendix A

## Inventory and Recommendations

*Site Inventory, Conditions, and Recommendations*



Bradford Preserve Amenities Inventory and Conditions				Priority Codes 1 low to 5 High 0=no priority		
				5 priority: are safety issues that should be addressed immediate		
Amenity	Size/	Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Entrance	30' w		Main entrance, Rutted dirt	Construct driveway apron on site interior to prevent rutting/pot holes at entry	1	\$6,000
Entrance Sign	(1) 3'x8' Wood, painted, double-sided,		15'+ from road, good cond.		0	
Parking	570'x100' Dirt/lawn		unmarked	Consider temporary striping, painting guard rail or wheel stops to designate spaces	2	Temp \$750-1,500 annually
Guardrail	Wood single rail, light duty around parking area		Good Condition, chain at largest opening.	Consider replacement in 10 years Consider additional rail at road to prevent vehicle access over fields.	1	Replace: 850 lf \$30,000 Add: 1,200 lf \$42,000
Rectangular Fields	(1) 60yd x 100yd (1) 60yd x 110yd (2) 30yd x 60yd		All in similar condition - Converted Farmland, patchy/weeds, undulating uneven topography	Regrade and reseed all fields to provide proper pitch/playability. Provide well fed automatic irrigation system for all fields	4	207,000 sf \$450,000 to 550,000 Irrig: \$60,000-80,000
Bleachers	(1) Aluminum 4 riser, 20'x8'		Good cond., overgrown at time of reveiw	Consider replacement in 10 years	2	\$10,000-30,000
Porta-Potty	(2) Standard portable on a gravel pad		Good condition	Limited use of this property does not warrant consideration of permanent sanitary facilities. Install screen fencing 'corral' and gravel pad. Allow for 1 ADA Porta-potty	3	Fence and Pad \$8,000-15,000
Utilities	(1) Elect. Supply Box/Meter (1) AED/Defibrulator		Good condition		0	
Shelter/Pavillion	none			Consider construction of shelter/pavillion for lighting and rain shelter	2	Wood frame \$10,000-30,000
Storage Box	8'x4'x4'		Fair condition. Undersized	Consider larger storage box/structure	1	
Open Space/cleared area	varies		Open lawn areas, not programmed for sports	Sufficient space exists on this site for additional programming (e.g. play scape, concession, basketball, etc.)	0	

# Cimalore Recreation Complex Amenities Inventory and Conditions

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Site Entrance	20' w	Main entrance, paved/stop controlled		0	
Entrance Sign	(1) 3'x6' wood post painted	Good cond. Stop painted on opposite side.	Maintain	0	
Entrance Gate	15' wide galv. chain link	Good Cond. Hinges need adjusting	Adjust hinges, tak weld to post	3	\$300
Memorial - Cimalore	3'x2' granite with bronze plaque 'Louis Cimalore'	At entry/parking. Fair condition	Maintain	0	
Memorial - Iacoi	1'x1' granite with bronze plaque 'Julio Iacoi' & adjacent paver and garden area	Accessible ornamental water fountain Good Condition	Construct new memorial seat wall & mount existing plaque to replace former water fountain	2	\$5,500-8,500
Water Fountain at Basketball	Newer fountain with concrete pavers, Iacoi Memorial and landscaping	Good condition.	Maintain	0	
Main (west) Parking	230'x150'	paved/striped, 1 gated entrance, inefficient layout. poor condition-pot holes, aligator cracking	Repave or resurface. Stripe lot to improve layout and circulation	3	(all Parking areas) \$250,000-350,000
East Parking	160'x100'	paved/striped, inefficient layout. poor condition-potholes, patching, aligator cracking	Repave or resurface. Stripe lot to improve layout and circulation	3	See Main Parking
SouthEast Parking	160'x80'	dirt/unmarked, inefficient layout. Fair condition - materials stockpiles	Provide wheel stops or temporary striping to designate spaces and improve layout	3	See Main Parking
Guardrails	At edge of parking areas	Light-duty/wood. Good condition	Replace in 8-10 years	1	\$60,000-70,000
Waste Receptacles	(6) grey plastic 2 bin recycling Various locations Standard-Town	Good cond.		0	
Dumpster Enclosure	6' ht. Galvanized Chain link at dirt parking	Chain link, Good cond. Overgrown, poor aesthetic	install concrete pad to prevent weeds install slats or screen to buffer view	3	\$12,000 - 22,000
Storage Shed at Dumpster	20'x12' prefabricated wood frame	Fair Condition	Replace in 10 years	0	
Concession/restroom at Softball #2	15'x15' concrete block with wood roof with asphalt walkway around	Concession and restrooms. Newer roof. Good condition	Maintain	0	
Shed behind Softball #2 concession	8'x12' wood frame	Equipment storage shed	Maintain	0	
Picnic Benches	Various wood picnic benches	Good condition	Provide 2 ADA accessible benches. Maintain	4	\$1,500

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Storage Building at Basketball	20'x10' Concrete block with wood roof	Good condition. Newer roof. Former restrooms???	Remove building - Underutilized	3	\$3,500-4,500
Picnic Pavilion	36'x25' wood frame on concrete pad	Outdated - Fair condition. Newer roof.	Maintain, Consider Replacement, Consider lighting	4	\$35,000-\$50,000 replacement
Playground	Newer play scape and accessories on wood chip safety surface	Metal/Plastic. Good cond. Surfacing seems adequate	Maintain. Consider rubber pads at high wear areas.	4	Mats: \$700
Playground Swing Set	4 place belt type swing set	Metal/Plastic. Good cond. Surfacing seems adequate	Maintain Consider rubber pads at high wear areas	4	Mats: \$1,400
Playground toddler swings	2 place toddler type swing set	Metal/Plastic. Good cond. Surfacing seems adequate	Maintain Consider rubber pads at high wear areas	4	Mats: \$700
Sewage Pump Station at entry drive	municipal pump station and generator surrounded by 6'ht. galv. Chain link fence (not park related)	Good condition. Poor aesthetic, no screening	Install fence slats or screen to buffer view, consider buffer plantings around enclosure	3	\$1500 to \$5,500
Basketball Standards/hoops	(4) galvanized goosenecks with square metal back stop and fabric nets	Good condition. no padding on posts	Install padding at all posts.	5	\$1,600
Basketball Pavement	(2) courts Asphalt, not painted	Asphalt in Good condition, some typical crack repair needed. Striping faded.	Repair cracks and consider providing colored surfacing	3	\$25,000-36,000
Basketball Lighting	Security type on wood pole	Fair condition. Not sports lighting	Consider athletic lighting	3	\$18,000-25,000

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Baseball Field	(1) 310' x 360', 90' baseline	Infield gets muddy, lip at infield, outfield grass in good cond. Some low/worn spots No Warning track, obstructions in field of play	Perform lip renovation/infield project Provide padding at light and batting cage posts. Consider installation of skinned warning track at outfield fence	4	Lip Repairs: \$18,000-25,000
Baseball Bleachers	(2) 8 riser, 36'x15'	Metal frame, wood seats not to current codes: open footboards, no guard rails, not accessible	Replace both sets of bleachers with new code and ADA compliant bleachers	5	2 sets 10 row x 15' \$22,000- 55,000
Baseball Dugouts	(2) 35'x15'	Concrete block with wood frame roof, fair cond. Wood bench needs replacement, no shelving, no players safety fencing. 15'x15' storage at 3rd base dugout. Not ADA compliant	Consider replacing benches and adding shelving. Install Safety fencing in front of bleachers	4	Fencing and Benches 3,500 - \$7,000
Baseball Pressbox	(1) 15'x10'	Concrete block with wood frame 2nd floor & roof, fair cond. Stairs and rails not to code. Not ADA compliant	Modify stair and rails to comply with code. Consider ADA upgrades	5	Stair and rail modifications \$4,500
Baseball Lighting	Musco 6 pole system	Newer, good condition Poles in field of play - not padded	Provide Padding for posts (see above)	4	2 pads \$1,800
Baseball Drinking fountains at 1st and 3rd base dugouts	8" dia. concrete filled pipe with exposed copper pipe and spigot	Functional but poor appearance. Not ADA compliant	Replace both drinking fountains with frost-free, accessible fountains and bottle fillers	5	\$2,500-\$5,500 each
Baseball Batting Cage	Pressure treated posts with net	Poor Cond. Overgrown, no backstop net. Net at posts causes rebound hazard. In field of play (no padding on posts)	Remove and replace with new batting cage. Consider relocating cage outside field	4	\$4,900- 16,000
Baseball Scoreboard	Incandescent, 4x8, on steel i-beam uprights	Fair Condition older board with advertizing	Replace with LED board in 5-10 years Consider solar, wireless scoreboard.	1	
Baseball fencing	4' & 5' ht. galv. Chain link with plastic cap	Good condition some gate hinges need adjusting	Adjust hinges, tak weld hinges to post to prevent future sagging.	3	\$2,500-3,000
Baseball Foul poles	8' ht yellow fence posts	Good condition	Consider replacement with 'official' foul pole	3	\$4,000-8,000
Baseball backstop	25' galv. Chain link	fair condition. Rusting fabric. Undersized	Consider replacement with full size, black chain link backstop	2	\$30,000-45,000
Baseball flagpole	25' aluminum	Center field. Good condition	Maintain	0	
"Little League" Softball infield	(1) 140' x 160', 60' baseline	T ball/Practice Infield. Infield gets muddy, drainage issues, lip at infield, outfield grass in good cond. No warning track	Regrade infield to drain, remove turf at perimeter of infield to eliminate 'lip' and reconstruct.	3	\$18,000-23,000
"Little League" bleachers	(3) 15' x 3 Row aluminum on concrete pad	Good Cond. 3rd base bleacher needs damaged seat board replaced.	Replace aluminum seat board at 3rd base bleacher	4	\$500
"Little League" Players benches	(2) 10' wood benches in gravel	fair condition.		2	\$2,500 for 2

**Cimilore Athletic Complex**

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
"Little League" fencing	4' & 6' ht. galv. Chain link with plastic cap	Good condition some gate hinges need adjusting	Adjust gates and tak weld to prevent future movement.	3	\$1,600-1800
Main Softball Field (NE Field 2)	(1) 220', 60' baseline	Lip at infield, outfield grass in good cond. Some low/worn spots	Renovate infield and remove turf at perimeter to remove 'lip'	3	\$18,000-23,000
Main Softball Field Bleachers	(3) 5 row x 12' aluminum on concrete pad	Good condition. Not to current code - open footboards, no guard. Not ADA compliant	Replace with current, code compliant bleachers	5	\$5,200 and up plus pad
Main Softball Field Scoreboard	Incandescent, 4x8, on steel i-beam uprights	Fair Condition older board with advertizing	Replace with LED board in 5-10 years Consider solar, wireless scoreboard.	2	
Main Softball Field Pressbox	(1) 40'x15'	Concrete block with wood frame 2nd floor & roof, fair cond. Garage door damaged panels. Stair and rail not code compliant	Repair garage door. Renovate stair and rail to remove gaps and enclose open treads	3	\$700-2,500
Main Softball Field #2 Athletic Lighting	Older 6 pole system	Older, rusting poles and fixtures	Consider replacing lights immediately, as budget permits.	5	\$180,000-250,000
#2 Main Softball field Pitching tunnels	(2) galvanized chain link with netting top	Fair Condition. No bases/rubber. Rebound hazard-should not be used for hitting.	Replace with newer netting and post style pitching/batting tunnels.	4	\$4,900- 16,000
#2 Main Softall Dugouts	(2) 20'x8' 10x10 storage at 1st base dug	Concrete block with wood frame roof and benches Poor Condition - Multiple Structural Cracks in block. Graffiti	Perform structural evaluation. Reconstruct? Paint over graffitti	2	Paint \$400
#2 Main Softball Backstop	25' ht. galv. CLF no wings	Fair condition, some rusting fabric. No wings	Consider replacement with larger backstop in 8-10 years	1	\$35,000-45,000
#2 Main Softball Fencing	4' galv. CLF with plastic cap 8' galv CLF outfield fence	4' fence in good condition 8' fence in fair condition, some rust	Consider replacement of outfield fence with any lighting upgrade project	1	\$35,000-\$48,000
#2 Main Softball Water Fountain	12" dia. concrete filled pipe with exposed copper pipe and spigot	Functional but poor appearance. Not ADA compliant	Replace drinking fountains with modern, accessible fountain with bottle filler	5	\$2,500-\$5,500 each

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
#4 Softball Field (SE) 'the pit'	225', 60' baseline shares outfield with #3	Outfield grass in good cond. Infield graded improperly, retains water at home plate	Regrade infield to drain properly.	2	\$18,000-23,000
Softball Fields (SE) 'the pit' #4 Players Benches	#4 SE Infield: (4) benches: 2 aluminum w/back 1 aluminum 1 wood	Fair condition Poor aesthetics. Do not match outer benches bent/not level	Consider replacing all benches with four matching benches.	4	\$6,000-8,500 for all
Softball Fields (SE) 'the pit' #4 Backstop SE	15' ht. galv chain link	good condition	Maintain	0	
Softball Fields (SE) 'the pit' #4 Safety fencing	5' ht galv chain link players safety fence	Good condition	Maintain	0	
#3 Softball Field (SE) 'the pit'	225', 60' baseline shares outfield with #4	Outfield grass in good cond. Some low/worn spots. Infield in good condition		1	
Softball Fields (SE) 'the pit' #3 Dugouts	#3 NW Infield: Concrete block with wood roof and wood benches. Gravel in front	Good condition some minor graffitti	Paint to remove graffitti	2	\$400
Softball Fields (SE) 'the pit' #3 Backstop SE	15' ht. galv chain link	good condition Undersized	Maintain Consider replacing with full size backstop	1	Backstop \$25,000-35,000
Softball Fields (SE) 'the pit' #3 Safety fencing	6' ht galv chain link players safety fence	Good condition No warning track. Some bowed fabric	Consider replacing fence fabric in 8-10 years.	0	
Softball Fields (SE) 'the pit' #3 Bleachers	(2) 12' x 3 row aluminum bleachers on grass	Good condition	Consider replacement in 10 years	0	
Softball Fields (SE) 'the pit' #3 Foul Poles	(2) 8' ht yellow painted fence posts	Good condition	Paint posts, or consider replacing with 'official' foul poles.	1	



# Craig Field

## Amenities Inventory and Conditions

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Main Entrance (Parking)	18' w (Mountain ave.)	Main entrance, paved	Improve aesthetic & signage at parking entry	3	\$1,000-\$5,000
Ornamental Entry (drop off)	9' w (High Street)	Ornamental memorial drop off, little used, overgrown landscape	Maintain landscape and fence. Consider widening drop-off drive	2	maintain
Secondary entry (parking)	12' w (Mountain Ave)	Entry to dirt parking area at outfield area	Re-pave apron, eliminate degraded pavement. Consider installation of a gate to control access to this Dirt Parking area	3	\$8,000-12,000 gate, and apron
Main Parking	230'x60' (East)	paved/striped, inefficient layout. poor condition. Pot holes, missing pavement alligator cracking	Pulverize pavement, repave and re-stripe. Consider replacing some spaces with additional basketball court	4	\$140,000-\$180,000 Parking only
Lower Parking	120'x60' between main parking and field	Paved/striped, cracked and patched fair condition	Pulverize pavement, repave and re-stripe.	4	included with main
Dirt Parking	100'x60' At outfield	Dirt/unmarked, inefficient layout. poor condition, potholes, evidence of puddling	Consider abandonment/restricting vehicular access, convert to park space	3	Abandonment \$0
Entrance Sign	Mountain Avenue: (1) 2'x2' Metal sign on fencing	Poor condition - bent and delaminating	Consider replacing with wood sign similar to other parks	4	\$1,000-2,500
Flagpole	(1) 20' white painted metal at center field	Fair cond.	Replace in 10 years	1	\$7,000
Perimeter fencing	Park perimeter 5' ht galval chain link fence	various conditions poor to good, some rusting fabric and posts	Consider removal and installation of new perimeter chain link fence. Especially at Mountain Avenue	3	\$25,000-38,000 fence at MT. Ave.
Guardrail	Galvanized metal beam guard rail between parking bays	Poor condition/aesthetics	Consider removal and replacement with more appropriate wood post and rail.	3	\$11,000-18,000
Modular Wall	18" ht. Modular block wall at field fenceline near restrooms	Good cond.	Replace in 20 years	0	
Wood Barrier	24" ht. Wood post and beam guard rail at dirt parking in outfield	Old wood poles, fair cond.	Replace in 10 Years	0	
Ornamental entry Pedestrian Entrance	14' w (varies) ornamental iron fence, landscaping and memorial structure 'ticket house'	Ornamental fence in good condition	Maintain landscape and fence	3	\$2,500
Craig Field' Memorial 'Ticket House'	(1) 12'x7'	Ornamental Stone building (closed) with 'craig field' engraving. Landscaping in front. Overgrown landscape	Maintain	0	
Dedication Memorial "Mark Coleman"	(1) 1'x1' flush granite near High Street drop off	Carved granite block in concrete. Fair condition	Maintain	0	
Restroom Building	(1) 20'x20' Block with wood roof at softball outfield	Good condition	Maintain. Esp. Soffit and doors	3	\$700-1,400

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Waste Receptacle	(12) grey plastic standard town two bin recycling receptacle.	Various locations Good cond.			0	
Dumpster Enclosure	6' ht galv chain link fence and gates approx 12x20	Fair condition poor aesthetics		Consider installation of slats or solid wood fence or landscaping around to improve aesthetic	3	\$12,000-22,000
Shed	(1) 10'x8' prefabricated wood on blocks adjacent to 1st base line	fair condition, loose and ragged boards, delaminating plywood peeling paint		Consider Replacement/removal immediately	4	\$4,500-7,300
Softball Field	(1) 275'/300' x 300', 70' baseline	Infield gets muddy, lip at infield, outfield grass in fair condition Some low spots/uneveness		Perform lip renovation at infield, add padding at light posts & obstructions	4	\$18,000-24,000
Med. Bleacher	(2) 5 row x 15' aluminum seat and frame at parking and 1st base line on asphalt	not to current code standards: No safety fence or guards, open footboards		Replace or renovate to meet current code requirements.	4	\$5,200 and up plus pad
Small Bleacher	(1) 3 row x 15' aluminum frame and seats at 3rd base line on concrete pad	good condition		Replace in 10-15 years.	0	\$2,600 and up (each)
Dugout	(2) 20'x8' concrete block with wood roof and wood benches	Good condition needs TLC		Paint and soffit repairs needed. Consider roof condition. Consider safety fence at front of dugout.	3	\$4,500-6,000 for safety fencing
PressBox building	(1) 20'x20' Concrete block with wood 2nd story and roof	Poor cond. Boarded up doors and windows, damaged doors, rotted wood		Renovate or consider removal	4	Removal \$8,500-12,000
Drinking Fountain	(3) 12" concrete filled pipe with exposed copper pipe and faucet	Functional but poor condition. Not accessible, poor aesthetic. Play area fountain doesn't function.		Replace with frost-free, accessible water fountain with bottle fill	4	\$2,500-\$5,500 each
Scoreboard	(2) 18'x6' Older incandescent behind 3rd base dugout with advertizing panels	Fair condition. Wiring on fence is a code violation and safety hazard		Provide code compliant wiring (conduit and wire) immediately	5	Wiring: \$7,00 Scbrd: \$1,000-9,500
Field Fencing	galvanized Chain link, various hieghts	Various conditions. Gates need adjustment		Adjust gates. Tak weld hinges to posts to prevent sagging. Consider replacment in 15 years.	2	Repairs: \$700-900
Field Lighting	(8) 60' wood poles. Older lighting system	Poor condition. Exposed wiring, and grounding rods, broken lights, old wood poles, poles in field of play, no padding		Replace lighting with modern system within 5 years. Install new light poles outside area of play. Install padding at Existing poles until poles can be moved	5	\$180,000-250,000
Outfield Netting	70' of 60' ht ball netting on wood poles with galv. Steel guys in left field	Good condtion,		Maintain fence Consider replacing poles in5-8 years.	2	\$18,000-60,000

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Play Area	(1) 5-12 playscape (1) slide, (1) Two place Toddler swing, (1) 4 Place Standard Swing All newer with wood chip safety surfacing	Metal/Plastic. Good cond. Wood chip mulch needs maintenance		Monitor and Maintain wood chip surface to required 12" depth Consider rubber mats at high-wear areas	3	Mats: \$3,200
Sand Box	10'x10' wood edge	Overgrown/abandoned		Maintain or Consider removal	4	Remove: \$250
Basketball Court	(1) asphalt surface with color coating and lines	faded surfacing		Consider re-surfacing color coating and striping within 2 years.	4	\$25,000-36,000 one court
Basketball Goals	(2) Galvanized steel gooseneck with square steel backstop	Good Condtion, no padding		Provide padding at posts	5	\$1,600
Pavilions	(1) 20'x20' (1) 15'x15' wood frame on concrete pad	Fair cond. Out of Date. Wood picnic tables provided.		Repair and paint. Especially soffits and posts. Consider Replacement	3	\$1,200 -2,200 Paint \$35,000-50,000 replace
Picnic Benches	Various locations, wood	Good condition, not accessible		Provide 2 accessible benches Maintain	4	\$1,500
Picnic Bench	Concrete 6' diameter at play area	Fair condition, not accessible		Monitor and maintain.	0	



**Gingerella Sports Complex  
Amenities Inventory and Conditions**

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Main Entrance (Parking)	25' w	Main entrance, paved, stop signs, rutted surfacing, pedestrian sidewalk access	Consider ornamental entry (walls, signage?) for branding and wayfinding.	3	\$2,500+
Main Parking	Large, dirt/gravel	Fair condition but inefficient parking, confusing circulation	Consider temporary striping or wheel stops to clarify parking and circulation	4	temp: \$2,500 annually
Entrance Sign	3'x8' painted wood double sided	Good Conditon	maintain	0	
Flagpole	(1) 20' white painted metal at entry memorial	Good condition	Replace in 10-15 years	0	
Perimeter fencing	6' ht. galv. Chain link at street	Good condition		0	
Guardrail	Galvanized metal beam guard rail at street	Good condition	Consider replacement with more appropriate wood post and rail guard.	2	\$31,000-\$45,000
Wood Barrier	24" ht. Wood post and beam guard rail at edge of dirt parking	Fair cond.	Replace in 10-15 years	1	
Memorial "Gingerella Field"	(1) 3'x3' Granite block at entry near parking	Carved granite block in concrete. Fair condition	Prune lanscaping for visibility	4	\$450-550
Concession/Restroom Building	(1) 40'x30' concrete block with wood roof restrooms, storage and concession	Good condition, some mold splash up on block wall mounted water fountain, rusted, not functional	Maintain. Replace exterior mounted water fountain	3	\$1,500-2,500
Waste Receptacle	(6) grey plastic standard town two bin recycling receptacle.	Various locations Good cond.		0	
Dumpster Enclosure	6' ht galv chain link fence and gates approx 12x20	Fair condition poor aesthetics	Add privacy slats or solid fence to improve aesthetic	4	
Shed	(1) 10'x8' concrete block with wood roof irrigation shed	Good condition	Maintain	1	
Tennis & Basketball Courts	Asphalt base with painted surfacing	Some major peeling and staining of surface. Fence post bases are heaved and exposed. Faded surfacing	Remove tennis, renovate pavement and fencing as 2 basketball courts. Consider athletic lighting	4	\$55,000-119,000
Tennis net and posts	Metal tennis posts and nylon net	Fair Condition, bent posts some rust	Remove tennis, renovate pavement and fencing as 2 basketball courts.	4	Remove \$450
Basketball Goals	Galvanized metal standard with white metal fan type backstop	Good condition	Provide padding on posts.	5	\$1,600/pr
Tennis fencing	10' ht galvanized chain link	Poor condition. No mid-rail. Rusted fabric. Heaved posts	Remove tennis, renovate pavement and fencing as 2 basketball courts.	4	See above
Water Fountains	(2) 10" dia. concrete filled pipe with exposed copper tubing and faucet	functional but poor aesthetic. Not ADA accessible.	Replace with frost free, Accessible water fountains with bottle filler.	4	\$2,500-\$5,500 each
Pavillion - Large	40'x20' wood frame on concrete base with wood picnic benches. Near playscapes	fair condition Out of Date. needs paint and trim repair	Repair and paint exposed wood Consider Replacement	2	\$1,500-2,200 Paint \$35,000 - 50,000 replace

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Play Equipment	(2) Playscapes one toddler and one K-12 (1) 4 place swing set with 2 toddler swings and two belt swings all on wood chip safety surface	Newer equipment and safety surface. Safety surface needs maintenance to maintain depth. Well used, needs minor maintenance		Maintain safety surface to keep 12" depth minimum per safety requirements Consider installing rubber mats at high wear areas	5	Mats: \$2,100-2,800
Shed (Lacrosse)	8'x10' prefabricated wood shed on blocks near playscapes	Good Condition		Maintain	0	
Fence at Play area	8' and 4' ht. galvanized chain link.	Poor condition - rusted fabric and poles, patches in fabric, bent and sagging gates		Replace within 5 years	2	\$20 - 30,000
Entry Gates	10' wide Welded galvanized pipe gate near concession and near skate park	Poor condition, Sagging, broken welds		Repair and adjust Tak-weld hinges to posts to prevent sagging	4	Repairs: \$700-1,100
Fields	(All)	Natural turf, irrigated, proper pitch and well draining		Consider minor expansion to south, and expansion at NE corner of park for additional fields.	4	\$350,000-480,000 for NE
Field A & B - Mirco	U8 Micro fields each 130'x90' near parking	Good condition. Good planarity and turf cover		overutilized but in good shape. Consider renovations to allow additional micro fields and allow resting.	4	See above
Field D - South	U14/16 330'x195' HS minimum	Good condition. Good planarity and turf cover		Consider upgrading to wider field for H.S./Adult play 210' x330'	3	See above
Fields F & G - SouthEast	180'x120' U10	Good condition. Good planarity and turf cover		overutilized but in good shape. Consider renovations to allow additional micro fields and allow resting	4	See above
Fields C&E - North & NE	U12 225'x150'	Good condition. Good planarity and turf cover		overutilized but in good shape. Consider renovations to allow additional micro fields and allow resting	4	See above
Irrigation	Fields are 100% covered by an automatic irrigation system. Controls in shed near concession. Maintained by outside vendor.	Good condition. Municipal Supply		Maintain	2	
Drainage	Drainage under fields. DOT style grates on South and West sides of fields	Good condition, large concrete grates near field of play		Consider permeable urethane covers or reducing grate size for player safety	4	\$2,800
Pavilion - Small	near Micro Fields NW 10'x10' wood frame with no floor and picnic bench	fair condition, needs paint and soffits. Poor location		Remove to make room for additional field(s). Add pavillion south of concession if needed.	4	Remove \$750
Concrete Kick Wall	10' ht x 20' painted concrete	good condition. Poor location between fields.		Remove to make room for additional field(s)	4	Remove \$3,500
Picnic Benches	Various locations, wood	Good condition, not accessible		Add at least 2 accessible benches. Maintain	4	\$1,500

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Skate Park	North behind boulders	Good condition, professionally designed, somewhat overgrown		Consider addition of lighting for night use. Maintain security drive to east side of Park. Consider improvements to entry/gathering spaces for aesthetics/branding	2	Lighting \$30,000+ landsape: \$5,000+
Open area/abanonded skate park	North and east of active skate park	Unusable/abandoned asphalt pad with concrete features		Remove for expansion of micro fields or additional skate park features.	2	See above



# Westerly Youth Football Amenities Inventory and Conditions

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Main Entrance (Parking)	25' w	Paved and gated	Repair/Adjust gate. Add hold-opens.	3	\$500
Main Parking	420'x125' asphalt sloped from NW to SE with concrete wheel stops at fence at field.	Fair condition, prevalent older asphalt contraction cracking, striped.	Cracked, but servicable for volume of use. Consider mill and repave in 10-15 years. Consider surfacing for aesthetic reasons.	2	\$180,000-280,000
Entrance Sign	none		Provide wayfinding/site sign	3	\$500-2,500
Concession/Team Room Building	50'x30' 2 story block and wood frame building with concession, press box, offices, team rooms, restrooms, storage	Good condition. Restroom doors, and some other doors are not handicap accessible (not flush).	Renovate surrounding pavement, remove asphalt around building, regrade exterior to flush(ADA) with restroom doors. Provide ornamental site around building,	4	\$20,000-45,000
Bleachers	(2) 10 row x 30' older wood plank, metal frame with guard rail	Fair condition, not to current code (open risers, not accessible)	accessible seating is not available on site. Renovate or replace bleachers with accessible, code compliant bleachers	5	4 sets of 10 row x 21 feet \$80,000-198,000
Rear Storage building	30'x15' block with wood roof	Fair condition. Mold on roof, some splash-up on exterior walls.	Maintain	1	
Scoreboard	Replaced with new since site walk	New	Maintain	0	
Dumpster	None		Provide lockable dumpster in-season.	0	
Flagpole	(1) 35' brushed metal NE corner of field	Good condition	Replace in 10-15 years	0	
Perimeter fencing	4' ht. Metal Chain link between parking and field only	Poor condition, patched, bowed fabric, bent posts, rust, top of fabric not attached to rail.	Replace fencing with new. Consider perimeter fencing to separate field areas from adjacent quarry for safety.	4	\$15,000 fen. At parking \$25,000 new fen. West
Guardrail	Galvanized metal beam guard rail at street	Good condition	Consider replacement with more appropriate for park-wood post and rail guard.	2	\$24,000-36,000
Goals	(2) 4" dia. Gooseneck with 3" uprights,	Newer condition, painted, no flags at top of posts	Add wind flags. Replace in 8-10 years.	2	\$14,000-18,000/pr
Main Field	330' x 160' Automatic irrigation. Lighted, Not yet striped	undersized field, Well drained, Good planarity, Great turf condition. Exposed manholes in run-out are of field NW and SE	Maintain Consider expansion to full size football field by extending and widening field area. (fill)	3	\$350,000+
Practice field	320'x100' not irrigated, sporatic turf prevalent weeds, compacted	fair-poor condition. Highly compacted,	Intensive maintenance. Tine aerate, topdress regularly with compost, overseed and fertilize. Consider addition of some automatic irrigation to improve turf quality	4	Maint: \$12,000 Irrigation: \$20,000

Athletic Lighting	Main Field (6) wood poles with lights and manual control on each pole. Duplex electric outlets and PVC water spigots on some poles.	Poor Conditon, Poles are older. Light lenses are crazed. Exposed metal conduit rusted. Duplex receptacles are broken and exposed to weather.		Plan for replacement with modern, automatic lighting system. Update/repair duplexes at poles, Mount water supply away from electrical features.	4	\$350,000-400,000
Pedestrian lighting	Building mounted flood lighting only.			Consider pole mounted lighting around building and adjacent to bleachers. (emergency egress)	4	\$12,000-19,000
Sound system	Old style bullhorn speakers mounted to side of building	Fair condition, Not evaluated for operation. Bull horns typically have very poor sound/voice quality.		Consider replacing bull horns with modern, PA system with better sound quality	2	\$18,000 typ

**Rotary Park  
Amenities Inventory and Conditions**

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Main Entrance (South)	25' w, Paved, no curbing	Good condition, could be better marked from street.	Define entry better with way finding signage (e.g. columns at entry)	1	\$5,000+
Entrance Sign	(1) 2'x8' Granite posts with wood sign	Good cond. remote from actual vehicle entry	Maintain. Consider lighting	0	\$750 solar lights
Main Parking	150'x130' asphalt with no curbing, landscaped islands and perimeter wood bollards, or wood post and rail guardrail	paved/striped, Fair condition, Some typical, repairable contraction cracking	Maintain Seal cracks in pavement to prevent water infiltration.	3	\$2,500-8,500
Guardrails	8"x8"x 24" ht. square pressure treated wood bollards or Post and rail at edge of parking areas	Fair condition. Bollards may have had rope between them at some point. Rope missing.	Maintain. Do not replace rope (tripping hazard)	2	
Bike Rack	(1) powder coated metal 'ribbon' type 5' long bike rack in lawn near play area	Good condition	Maintain		
Auxiliary Entrance (north)	16' w to north gravel auxiliary lot. Wood post and beam guard at street.	Good condition	Maintain		
Secondary (north) Parking	100'x60'	gravel/unmarked, rutted gravel. Stockpiles on parking poor condition	Remove stockpiles, Grade & Maintain	2	\$2,500
Gazebos	(1) 20', (1) 10' octangular, wood frame with 3' ht perimeter rail, asphalt shingle roofs mounted on concrete pad	Good Condition.	Maintain		
Restroom Building	(1) 30'x20' concrete block with wood frame roof, asphalt shingles a metal doors. Surrounded by 5' concrete walk	Good condition, accessible	Maintain		
Waste Receptacle	(10) Grey plastic double bin un-anchored	Good cond Standard town receptacles			
Drinking Fountain	(1) precast concrete with stainless bowl. Surrounded by asphalt	Accessible fountains	Maintain		
Drinking Fountain (NW side of main courts)	(1) 8" concrete filled PVC pipe with exposed copper pipe and spigot	Poor aesthetic. Not ADA accessible	Consider removal. redundant. Other fountain is 75' away. or replace with fixture that matches others on site.	4	Remove and cap \$1,500
Dumpster Enclosure	10'x20' galvanized chain link enclosure with (2) double leaf gates. 6' ht fence.	Chain link, Good cond. Gates need adjustment	Consider installing privacy slatting or landscape buffer for aesthetics	3	Fence and buffer: \$4,500-5,500
Parking Lighting	20' ht 4' sq. powder coated post with cut-off style shoe-box fixture. Double headed. Round concrete footings	Good condition	Maintain		

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Walkways	Asphalt and Concrete	Good Condition		Maintain		
Trails	10x15 metal sign on vinyl post "Mastuxet brook greenway" Westerly Municipal Land Trust. Narrow 'Single track' primitive trails			Consider paving portions of trail system as asphalt for less able.	3	Depends on length \$45,000+
Landscape	both natural and designed landscape elemenets	Some non-native species of shrubbery		Consider replacing non-native winged euonymus shrubs.	1	\$5,500-6,000
Lawns	Grass/Lawns	Poor condition, bare spots in high wear areas at entry and some benches		Maintain (aerate, fertiize, overseed)		
Childrens Garden	Gazebo, asphalt walks, interpretive signage	Good condition		Maintain		

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Tennis Courts near street	(4) Asphalt courts 78' x 36' with red and green color surfacing, 10'ht. perimeter fence and 'lighting'	Fair condition. Stained and In need of resurfacing. Significant cracking (repairable).		Crack repair and resurface Consider major renovation in 15 years	4	Cracks and Resurface \$50,000-\$75,000
Fence at courts near street	10' ht. black painted chain link fence and posts, with buttressed posts on East and North sides	Fair Condition. Paint is chipping, some rusted posts. Posts and fabric are light duty.		Consider replacement with court renovations (15 years)	1	\$45,000-60,000
Posts and nets	(4) sets of green semi permanent internal mechanism posts with nylon nets	Good condition. Some Posts are bent due to over-tensioning of net.		de-tension nets. Remove handles after spring installation of nets	4	\$250
Backboard	3/4" Plywood mounted on fence. 12'w x8'h	Good condition.		Maintain		
Bleachers at tennis	(2) sets of 8' w 3 row aluminum bleachers on asphalt	Good condition		Maintain		
Tennis Lighting	at courts Near street only - Not athletic lighting, (regular parking lot lighting fixtures and poles). Timer switch for each bank of courts mounted on 4x4 wood post on west side of courts	In-appropriate use. Fixtures however are in good condition.		Consider installation of tennis-specific lighting system with timed switching on at least 2 courts	3	2 court lighting: \$180,000-\$265,000
Benches at tennis	(2) Permanent 8' long with back. Plastic timber with metal frame. On asphalt. At northern bank of courts	Good Condition		Maintain		
Tennis Courts (west)	(2) 78' x 36' Asphalt base courts with color coating. No lighting	Good condition, Newer surfacing, no cracking.		Anticipate crack repair and resealing within 5 years	1	\$25,000-36,000
Posts and nets (west)	(2) sets of green semi permanent internal mechanism posts with nylon nets	Good condition.		Maintain		
Tennis Fence (west)	10' ht. black vinyl chain link fence and gates. With buttressed posts West and East	Good Condition. No bottom rail, some minor bending of fabric		Consider installation of bottom rail to prevent bowing of fabric	2	\$2,500-4,000
Tennis benches (west)	(2) Permanent 8' long with back. Plastic timber with metal frame on concrete pad.	Good Condition		Maintain		
Play Area/Playscape	Fenced-in play areas with perimeter concrete walk, playscapes, tables, and wood chip safety surfacing	Good condition		Maintain safety surface to eliminate 'dug' spots. Consider installing rubber mats at high wear areas.	4	
Large Play structure	Large 6-12 age playscape. Powder coated metal posts with polyethylene slides, features and elements	Good condition, newer, modern, accessible structure		Maintain		Mats: \$600-1,750

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Large Swingset	(1) powder coated, 6 place swing set. Belt swings with (2) accessible bucket seats	Good condition. Plastic faded/oxidized		Maintain, Consider installing rubber mats at high wear areas	4	Mats: \$2,100-3,500
Overhead slide play element	at 6-12 age playscape. Powder coated metal posts with polyethelyene, features and elements			Maintain		

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Small play structure	Pre K age playscape. Powder coated metal posts with polyethylene slides, features and elements	Good condition, modern, accessible structure. Plastic faded/oxidized		Maintain		Mats: \$600-1,750
Small Swingset	1 powder coated, 2 place swing ste	Good condition. Plastic faded/oxidized		Maintain		Mats: \$600-1,750
Picnic Benches	(7) Permanent powder coated metal legs with plastic coated metal mesh seat and table approx 6' dia. Table	Concrete/Plastic. good cond.		Provide 2 Accessible benches. Maintain	4	\$1,500
Volleyball Courts	(4) 55'x30' Sand courts with tape boundaries	Good cond. Some vegetation growth in sand. Boulders in lawn close to safety run out		Relocate boulders away from edge of North courts. Consider installation of sport specific timed lighting system on one bank of courts	5	relocate rocks: \$1,500 Lighting: \$100,000-220,000
Volleyball Posts & Nets	Permanent Aluminum 4" diameter competition quality posts and nets			Maintain		
Bleacher at volleyball	(1) 3 row, 15' long aluminum frame and seats in lawn	good condition		Maintain		
Volleyball benches	(1) Permanent 8' long three leg with back. Plastic timber with metal frame on concrete pad.	Good Condition		Maintain		
Shed at Volleyball	(1) 10'x8' wood frame prefabricated shed	Good condition - Storage		Maintain		



# Westerly Middle School

## Amenities Inventory and Conditions - Field Areas Only

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
<b>Baseball Field Area</b>	<b>SE side of school</b>				
Baseball Field	90' baseline 275'R outfield. Fenced in with warning track	Undersized for all but middle school play. Grass in fair cond. Compacted, infertile soils Some low/worn spots/drainage issues, weeds in infield. Field is graded toward infield, causing some drainage issues at infield perimeter	Minor regrading at problem areas and topdress/seed outfield.	4	\$1,000 - \$3,000
Foul Poles	(2) 30' ht. yellow metal post with 'fan'	Good condition.	Maintain	1	
Bleachers	5 row x 12' aluminum bleacher and frame on lawn	good condition. Not to current code requirements (guard at back seats, enclosed risers over 30" ht.)	Replace with code compliant bleachers	3	\$15,000 - \$18,000
Fencing	6' ht. galv. Chain link players safety fence. 5' ht. galv outfield fence with yellow plastic 'cap'	Good condition	Maintain Fence Replace cap in 2 years	1	cap: \$2,500
Backstop	30' ht. galvanized chain link.	Good condition	Maintain		
Players Benches	20' long permanent plastic coated metal mesh benches in dirt with concrete footings	Grade drops steeply outside players safety fencing - not usable area	Add fill outside bench area, relocate outer players fence to provide more usable area	1	\$40,000- \$60,000
Memorial	Granite 15"x24"x6" "Robert M. Mudge Field, October 3, 1998"	Good condition	Maintain		
Storage Shed	Prefabricated wood frame	Good condition	Maintain		
Warning Track	10' infield material at players safety fencing and outfield fence	Consists of gravel screenings. Surface is compacted.	Weed and groom	3	\$3,500- 4,500
Irrigation	Automatic irrigation system.	Non-functional	Repair irrigation	2	\$200 - \$500
Porta Potty	A single porta-potty was located in the parking area outside right field.	Good condition	maintain - consider gravel pad and 'corral'	3	corral - \$6,000- 8,000
Access and parking	Paved, asphalt, School parking is provided in outfield. Field access is by a dirt trail	Good condition, Access is not wheelchair accessible/erosion issue.	Replace path with asphalt.	4	\$8,000 - \$10,000
<b>Soccer Field Area</b>	<b>W side of school</b>				

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Soccer Field	300' x 180' rectangular field. Perimeter fence on two sides.	Undersized for all but middle school play. Grass in fair cond. Compacted, infertile soils. Some low/worn spots/drainage issues, weeds in infield. Some drainage issues at perimeter		Minor regrading at problem areas and topdress/seed outfield.	4	\$1,000 - \$3,000
Players Benches	10' long plastic coated metal mesh benches	Benches placed on soil surface, player's area not defined		Maintain		
Fencing	4' ht. galv. Chain link fence at N and E side of field.	Good condition		Maintain		
Storage Shed	prefabricated wood frame	Good condition		Maintain		
Irrigation	Automatic irrigation system.			Check functionality	2	
Porta Potty	Two porta-potties located at the field entrance.	Good condition		consider gravel pad and 'corral'	2	\$6,500-8,500
Access and parking	Gravel lot. Lot is compacted, and there are areas where erosion is an issue. Accessible route from school continues to accessible parking. Accessible parking is not to code. Field access is by a dirt trail.	Lot is in poor condition. Access to field is not wheelchair accessible/erosion issue. Access from school is almost not navigable, as gravel mostly covers the walk.		Replace path and lot/drive with asphalt. Clear accessible walkway, and consider replacing accessible parking.	4	\$50,000 - \$70,000

**Westerly High School**  
**Amenities Inventory and Conditions - Field Areas Only**

Priority Codes 1 low to 5 High 0=no priority

5 priority: are safety/code issues that should be addressed immediately

Amenity	Size/ Quantity	Condition/ Notes	Recommended Improvements	Priority	Estimated Cost Range
Augeri Field Complex	Track and field complex, with bleachers, concession, lighting, and fencing for ticketing	Generally good condition. Specific elements of the complex are in poor to new condition		4	
Stone Wall and Columns	5' ht field stone wall with 3x3'x8' ht columns with caps on East side	Good condition	Maintain		
Fencing	7' ht. galvanized chain link S, W. 5' ht. galv chain link on top of stone wall. 7' ht. black ornamental picket on north side 4' ht. black vinyl coated chain link interior spectator fence with cap around track	Ornamental fence: good Fence at wall: good Fence S.& N fair. With some rust, bent fabric, overgrown.	Replace galv. Chain link fence with black vinyl coated fence as fence needs replacment....goal to unify various types of fence on campus.	1	\$45,000-65,000
Augeri Field	385'x197' Crowned natural turf football field bounded by running track.	Poor Condition. Little to no drainage at perimeter/sidelines. Uneven surface, bare spots at centerline and goal mouths. Marginal size for competition soccer or LAX. Use of this field is restricted to games only to preserve condition	Completely rebuild field, install gravel drainage layer and piping. Consider this location for synthetic turf due to existing infrastructure and central location	4	Natural: \$350,000-450,000 Synthetic: \$850,000 - 1,300,000
Augeri Running Track	400 meter oval. Asphalt base with red rubberized surface and striping. 4'ht. black vinyl chain link perimeter/spectator fence Straight on home bleacher side.	Good condition. Resurfaced approximately 4 years ago. Narrow width track limits play on interior field.	Maintain. Plan on recoating and re-striping in 3 years.	1	Recoating: \$65,000-70,000
Running track events	Long Triple jump runways located to NW and in south 'D' area.	Fair condition - uneven surface	Renovate when track is resurfaced	1	
	Pole vault located in North 'D' area	Good condition	Maintain		
	High jump located to NW of north 'D' area	Good condition	Maintain		
	Throwing events: Located at Football Practice field on north side of campus	Remote from other track events.	Maintain. Consider relocating closer to track if opportunity presents itself.	0	
Walkways	Asphalt, various widths	Good condition. Some patching, esp NW	Maintain, especially at visitor side	0	
Augeri Lighting	(4) 70' ht wood poles. Older lighting system with conduit exposed on outside of poles	Fair condition. System is dated, and likely does not perform to current standards. NE pole is in bleachers and obstructs views.	Replace lighting and poles as budget permits. Modern lighting will provide much improved spill control.	4	\$360,000-440,000

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Augeri Bleachers (Home)	Recent (2014) 750 seat elevated aluminum bleacher system with prefabricated pressbox and viewing platform. Fenced in storage area under bleacher	Excellent condtion		Maintain	0	
Augeri Bleachers (visitor)	Older 300 seat aluminum bleacher system.	Not to current code requirements: No guards above 30", Open footboards, No accessible seating		Replace bleacher with accessible, code compliant bleacher. New bleachers may require additional grading/fencing when installed.	4	\$120,000-175,00
Visitor camera platform	10'x12' x 20' ht. wood frame shed and filming platform on blocks on visitor side	Structure is not properly anchored and is suseptible to tipping. Filiming platform rail is not to code.		Properly anchor and update camera platform	4	\$5,000-8,000 Helical anchors/cable
Scoreboard	18' x 8' mounted on steel I-Beams. Incandescent bulbs and wired controls.	Older unit past expected life span		Scheduled to be replaced in 2017.	0	
Flagpole(s)	(2) 25' ht. white painted aluminum flagpoles	Good condition		Maintain		

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Goals	Yellow gooseneck style uprights with 6' offset and padding on standard.	Fair Condition - chipped paint and rusting metal		Replace goals when field is renovated	4	\$12,000-18,000
Sound system	On Press box. Recent sound system and speakers	excellent condition		Maintain		
Memorial	Brass plaque in stone collum at East entry "Salvatore J. Augeri Athletic Field"	Good condition		Maintain		
Waste Receptacle	(4) grey plastic 2 bin, unanchored	Good Condition. Town standard.				
Concession/Restroom Building (SE)	SE. 35'x25' Concrete block with wood frame roof and asphalt shingles. Restrooms and large concession	Good condition		Maintain, make ADA accessibility modifications as required.	4	\$6,500-25,000
Storage building (NE)	25'x20' NE Concrete block with wood frame roof and asphalt shingles. Storage and electrical panel	Fair Condition		Maintain.		
Storage Unit	10'x40' metal shipping container	Poor Condition. Rust. Leaks		Construct additional on-site storage and remove storage container.	2	\$250,000+
Players benches	(4) 15' long portable galv. Steel legs with aluminum seat and back.	Good condition		Maintain		
Irrigation	Automatic irrigation system for field. Controls and backflow in enclosure near east entrance	Good Condition		Maintain		
<b>Quad' Field</b>	<b>Center of Campus</b>					
Quad Multipurpose field	380'x210' natural grass, irrigated	Recently re-sodded. Graded east to west, some steep slopes at perimeter, tree lined perimeter		Consider this location for synthetic turf, as one of two full size soccer fields in town, and central location at school.	3	\$850,000-1,400,000
No fencing, bleachers or other amenities. Nearby school parking.						
Irrigation	for field area only. Controls and backflow in building	Good condition		Monitor timer and application rates Monthly.		
<b>Practice Field</b>	<b>North End of Campus</b>					
Football practice and Track Field Events	Approx. 300'x200', natural grass, Not Irrigated	Poor grass cover, compacted soils, mostly weeds,		Consider irrigation to improve field conditions. Aerate and overseed regularly	3	\$30,000
Shotput	(1) Gravel fan area, with wood timber edging. 10'x10' concrete pad with raised aluminum circle/edge. Aluminum toe board	Good condition		Maintain divots in fan, remove weeds. Repair wood edging where needed.	3	

Amenity	Size/ Quantity	Condition/ Notes		Recommended Improvements	Priority	Estimated Cost Range
Discus	(2) NW & SE. Lawn fan area, with wood timber edging. 10'x10' concrete pad with raised aluminum circle/edge. Pole and netting system	surface ring edge is broken		replace broken ring-edge.	4	\$1,200
Football Goal	(1) 'H' type aluminum permanent football goal. Painted white	Bent cross bar and posts well out of plumb		Safety Hazard. Remove goal and footings.	4	\$650
No fencing, bleachers or other amenities. Nearby school parking.						

# Appendix B Maintenance Assessment

*Evaluation of Maintenance Budget & Practices*



## **Appendix B - Parks Maintenance Assessment**

### **Section 1.0 Introduction**

Consideration of the resources needed to properly maintain park facilities, including the available staff and the equipment used is a vital component of planning for parks and athletic facilities. Municipal facilities do not have the budget resources of a National Football League stadium, and cannot be maintained in the same way. Municipal maintenance budgets are typically limited, and park facilities are typically designed with this in mind.

This section of the Master Planning Report contains two parts: The first section outlines recommended maintenance practices and provides budgeting information based on those recommended practices. The intent of this first section is to provide a benchmark for comparison to the following section. The second section documents the current maintenance practices and budget for the municipally run athletic fields in Westerly. In order to document current maintenance practices, maintenance staff was interviewed and basic equipment inventoried in order to compare current practices with those recommended to keep a municipal level playing field in playable condition.

Every type of sport or use impacts wear of natural turf differently. Soccer, football, softball and baseball each dictate a different set of conditions, requiring unique management approaches, (e.g., soccer goal mouths versus football midfield and side line areas). Maintenance requirements also can vary within individual fields, based on environmental conditions, soil conditions and changes in the micro climates (sun, shade, drainage, exposure to salt, traffic, etc.). Dedicated turf managers are aware of these variations and apply maintenance accordingly. The following outlines the tasks and scheduling required to properly maintain natural turf fields, and to assist in the formulation of maintenance budgets proposed later in this section. These are general recommendations and the costs used have been obtained from various owners throughout the northeast, and generalized for the purposes of this report. Actual budget needed may vary based on specific site conditions, quality of field construction and the turf manager's actual budget and time allocations. A general description of typical athletic turfgrass maintenance tasks are outlined below.

Managing turfgrass by using knowledge of turf biology, soil science, pest management practices, varieties of turf and cultural practices together in a scheduled and deliberate way to optimize the conditions for grass growth is known as *Integrated Turf Management*. This type of turf management requires thorough field monitoring of conditions, good record keeping and consideration of different turf management techniques with the goal to provide consistent proactive decision making on when to react to turf conditions and how maintenance is applied. A healthy stand of grass requires less maintenance, less herbicides and less water, the goal is to react early to turf conditions to catch deteriorating conditions and minimize having to make wide-spread repairs.

## **Section 1.0 Recommended Turf Maintenance Tasks**

### **1.1 - Testing**

As an integral part of a Integrated Turf Management Program for natural turf, each field should have its topsoil tested regularly for nutrient levels. Samples can normally be taken by on-site staff and sent to the UCONN or UMASS Agricultural Extension Service for testing and results ([www.umass.edu/soiltest/](http://www.umass.edu/soiltest/)). These tests will determine the amounts of fertilizer, lime and sand topdressing that need to be applied as part of regular maintenance. Knowing these results prevents unnecessary fertilizer and lime applications, and can provide significant savings on maintenance costs and materials.

### **1.2 - Mowing**

Turf grass in areas of play should be mowed at least weekly during the growing season to provide a suitable playing surface. Regular mowing practices enhance turf density, color, texture, root development, wear tolerance and other key aspects of turf quality. Mowers need to be maintained regularly, should not have any fluid leaks and must have sharp blades. Mowers dedicated only for use on athletic fields are highly recommended, so that blades are maintained sharp and weed seed and potential disease is not transferred to the fields. In New England most Athletic fields are a stand of Bluegrass or Bluegrass and Perennial Ryegrass. Mowing heights are adjusted from two and a half inches (2.5") during the growing season (until mid-July), to three and a half inches (3.5") from mid-July to mid-September, and then gradually brought back down to two and a half inches (2.5"). Clippings are either mulched and left behind, or collected and disposed of, depending on the height of the cut and the thatch density targeted by the turf manager.

### **1.3 - Infield Maintenance - Baseball/Softball**

During the spring (April-June) season, baseball/softball infields are typically dragged with a machine/drag-mat (intended for infield work) and amended to smooth and dry the infield material, as well as to adjust grades at wear areas near the bases and home plate. The batter box and foul lines are also typically painted. For baseball, the pitcher's mound is adjusted and divots repaired. This work is typically performed weekly during the regular season, and sometimes prior to every game for stadium fields or during play-offs. The infield maintenance budget should account for spring clean-up and preparation of the infields to remove leaves, weeds and replace bases.

### **1.4 – Irrigation**

In New England, the irrigation season typically runs from June through August. During that period, each field footprint should receive one inch (1") of water per week, which should be adjusted in accordance with precipitation. For a typical 90,000 SF soccer field, this equates to 54,000 gallons per week. Automatic irrigation systems should not be considered to be 'set and forget' systems. Field managers need to actively monitor irrigation to confirm proper timing, coverage and operation, and monitor irrigation with the goal of using water sparingly. Fields that are watered too much are susceptible to disease, early wear and over compaction. We recommend the use of intelligent controllers with moisture sensors. Maintenance budgets need to account for spring start-up and repair of irrigation systems, as well as fall winterization.

### **1.5 – Fertilizing**

Fields are fertilized to provide micronutrients to the soil and "food" for the turf grass plant. Fertilization should generally be performed in the early spring and summer, and

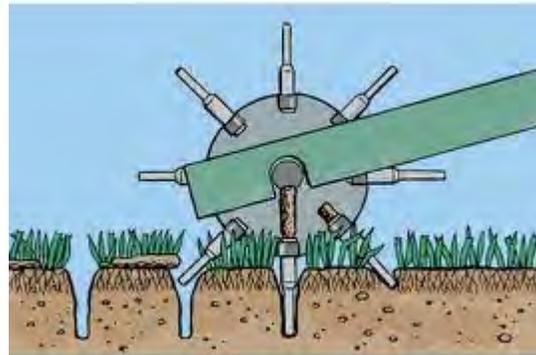
later supplemented on selected fields in the early fall, as needed. This will ensure that sufficient nutrients are available to develop healthy root zones during the peak growth period, which includes May and June. Fertilization should be directly related to soil tests performed on an individual field and as part of an overall Integrated Turf Management Program. This is particularly important for facilities that border on wetland receptors, which may be unnecessarily contaminated by over-fertilization. Once soil sample data has been obtained, fertilizer with the proper nitrogen/phosphorus/potassium (N-P-K) ratio should be applied at the recommended rates. Low solubility fertilizers, applied only at rates which ensure uptake, should be used to minimize groundwater or surface water impacts.

### **1.6 - Lime Application**

Lime application is generally performed in late November, as it typically takes up to six (6) months to breakdown. Lime should only be applied to soil based on the results of the annual soil testing recommendations. Lime is caustic and should not be applied if field use is scheduled.

### **1.7 - Aeration**

Aeration alleviates compaction and develops deep-rooted turf. It is accomplished by creating spaces in the turf, thus allowing moisture, nutrients and oxygen to penetrate to the root zone. Aeration also breaks up thatch, which helps contribute to the organic content of the soil and breaks the mat on the soil surface. High-use fields should be aerated two to three (2-3) times per year. We recommend that six to seven inch (6"-7") hollow core aeration equipment be used for aeration. If the intent is a long-term modification of the root zone, we recommend removing the plugs and top dressing the field with coarse sand or compost depending on the desired target (drainage or organic content). Depth and location of irrigation should be considered with any aeration activities.



### **1.8 - Topdressing**

Topdressing (sand, compost or topsoil) is applied periodically, as a soil amendment, to maintain a smooth playing surface and to adjust the root zone particle size distribution, which can affect drainage and compaction of the topsoil. Top dressing adds soil, sand or other beneficial organic material, and soil amendments (as determined by turf needs and based on agronomic testing) to the surface of the turf. It should always follow core aerating, with the intent of working topdressing materials into the core holes.

### **1.9 - Over-Seeding**

Over-seeding is recommended for all high use athletic fields. Over-seeding is the spreading of seed over bare areas or areas that are stressed to enhance (fill in) the stressed/bare areas, establish new turf and/or improve the condition of the turf. The type of seed used, quantity and application timing varies with turf managers' preferences, time of year, and the goal(s) to be accomplished (quick patch or long term repair). Over seeding is typically timed to coincide with aeration and topdressing tasks.

**1.10 - Pesticide and Herbicide Applications**

Pesticides and herbicides should be used sparingly and only be applied by licensed applicators. Pesticides should not be applied as a prophylactic, but rather in response to an observed pest or disease, and then tailored accordingly. Instructions and timing for application of pesticides and herbicides is critical and should be strictly followed, as they are typically targeted at particular stages of growth of weeds or pests. The use of pesticides and herbicides on public properties (especially Schools) is frequently limited by State or Federal Law. Any chemicals used must be of recent manufacture and have effective results. Chemicals that may present health hazards should not be used. Approved pesticides can be found on the State University System website and are known to change periodically. Again, pesticides should be applied only as part of an overall Integrated Turf Management Program and consistent with jurisdictional policy. This is particularly true for facilities that border on water courses or wetland areas.

**Section 2. Anticipated Maintenance Costs**

**2.1 – Anticipated Maintenance Budgets for Existing Fields**

The following are the costs for maintenance that would be anticipated if all the tasks listed in Section 1 were performed correctly for a municipal level field. These costs were originally gathered from Massachusetts municipalities over a ten year period and represent average estimated costs, based on prevailing wage and materials rates. BSC has maintained a data base of these costs from previous municipal projects. This calculations include an estimate of the resources, manpower, equipment and materials to perform each activity on a typical natural turf playing field. In addition to material costs, this calculation accounts for labor and overhead costs, as well as equipment utilization rates and capitalization/depreciation. :

For Fields and Parks In General

Maintenance Activity (per field)	Annual Quantity for Municipal Level Rectangular Field	Annual Quantity for municipal level Diamond	Task Cost Per Year (\$)	Total Annual Maintenance Rectangular Field	Total Annual Maintenance Diamond Field	Annual Cost Park Only
Equipment Maintenance, Service, inventory, training, etc	1	1	\$2,950.00	\$2,950.00	\$2,950.00	\$2,950.00
Spring Inspection/soil sampling	1	1	\$850.00	\$850.00	\$850.00	\$850.00
Fertilization	1	1	\$1,354.00	\$1,354.00	\$1,354.00	\$1,354.00
Spring Clean up	1	1	\$1,725.00	\$1,725.00	\$1,975.00	\$1,725.00
Pesticide/herbicide application	2	2	\$463.00	\$926.00	\$926.00	\$463.00
Cut Grass, Empty Trash, restripe, drag infield	0	18	\$545.00	\$0.00	\$9,810.00	
Cut Grass, Empty Trash, restripe	18	0	\$425.00	\$7,650.00	\$0.00	\$9,350.00
Aerate	2	2	\$420.00	\$840.00	\$840.00	\$420.00
Topdress	1	1	\$1,504.00	\$1,504.00	\$1,504.00	
Overseed	1	1	\$963.00	\$963.00	\$963.00	
Irrigation	18	18	\$45.00	\$810.00	\$810.00	
Lime/pH adjustment	1	1	\$624.00	\$624.00	\$624.00	
Winterization, Leaves, Irrigation	1	1	\$1,718.00	\$1,718.00	\$1,718.00	\$1,718.00

\*\*Maintenance activities for recommended municipal level maintenance:

** costs include labor, materials & equipment	Total Annual Cost Per Field	\$21,914.00	\$24,324.00	\$18,830.00
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Paved courts

Maintenance Activity (per Court)	Periodic Maintenance Cost	Cost	Annual Maintenance Cost
Repair cracks, Resurface and Re-stripe every 5 years	1	\$6,500.00	\$1,300.00
Remove nets in fall, install in spring, clean court surfacing	2	\$475.00	\$950.00

\*\*Maintenance activities for recommended municipal level maintenance:

** costs include labor, materials & equipment	Total Annual Cost Per Court	\$2,250.00
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**2.3 – Anticipated Turf Maintenance Budget**

Using the estimated basic costs from section 2.2 (per-field), the implementation of a typical maintenance budget for existing fields has been calculated:

Annual Cost per Play Area	\$1,575.00
Annual cost per court	\$2,250.00
Annual cost expected for Rectangular Field	\$21,914.00
Annual cost expected for Diamond Field:	\$24,324.00

Park / Facility	Number of Rectangular Fields	Number of Diamonds	Other	Notes	Annual Maintenance Cost
Bradford Preserve*	3				\$65,742.00
Cimalore***		4	2	basketball/Playgrounds	\$100,471.00
Craig	0	1	3	basketball/Playgrounds	\$26,774.00
Gingerella***	3.5	0	1	basketball/Playgrounds	\$80,449.00
Westerly Youth Football	0	0		Maintained by WYF	\$0.00
Rotary Park	0	0	4	Courts and volleyball & play	\$13,235.00
Westerly Middle School	1	1			\$46,238.00
Westerly High School	2.5	0	1	Lights & Bleachers	\$55,231.00

\*Maintenance activities for recommended municipal level maintenance

all costs are prevailing wage and include labor, materials & equipment

\*\*\* Number of fields based off of typical field=90,000sf

<b>Total Annual Maintenance Costs:</b>	<b>\$388,140.00</b>
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**Section 3 – Current Town of Westerly Parks Maintenance & Budget**

Town and school fields and parks are currently maintained by the Westerly Department of Public Works. The 2017-2018 budget lists parks maintenance under “Parks and Recreation Maintenance”

The following is the Park and Recreation Maintenance breakdown from the 2017-2018 adopted budget. Please note that this is for all town parks and open spaces....

**DPW - PARKS & RECREATION MAINTENANCE**

	2014 Actual	2015 Actual	2016 Actual	2017 Revised	2018 Adopted
01011406 D.P.W. - PARKS & REC. MAINTENANCE					
01011406 500160 Public Works Superintendent	7,823	8,051	8,211	-	-
01011406 500600 Crew Leader	43,623	44,475	44,916	44,491	44,491
01011406 500710 Laborer	37,887	119,421	106,590	123,926	123,926
01011406 501030 Seasonal Wages	57,180	50,572	32,598	33,000	49,000
01011406 501040 Overtime & Standby	2,038	8,963	8,634	21,000	9,000
01011406 502200 Utilities	27,057	57,631	41,865	55,000	55,000
01011406 502201 Life Insurance	-	365	169	360	450
01011406 502208 Flexible Spending	7	-	-	-	-
01011406 502209 Health Insurance	24,074	48,431	47,642	65,740	57,643
01011406 502210 Payroll Taxes	11,572	16,834	14,474	16,129	15,515
01011406 502211 Pension	10,037	20,185	21,304	25,542	-
01011406 502214 Disability Insurance	262	44	167	-	-
01011406 502215 Workers' Compensation	6,920	10,518	10,717	12,899	14,968
01011406 502650 Maintenance of Equipment	17,279	15,816	16,865	15,500	17,000
01011406 502700 Maintenance of Building & Imp	41,742	17,346	17,750	44,900	30,000
01011406 502950 Contractual Services	-	42,832	62,373	105,000	100,000
01011406 503010 Agriculture Supplies	5,815	9,607	9,943	11,000	11,000
01011406 503030 Clothing	-	-	-	600	750
01011406 503050 Construction Supplies	13,306	8,292	11,515	-	-
01011406 503070 Fuel & Lubricants	21,047	15,963	10,298	15,000	15,495
01011406 503100 Motor Vehicle Parts	11,919	13,954	7,908	12,000	12,000
01011406 503120 Janitorial Supplies	3,070	2,981	2,664	3,300	3,300
01011406 503150 Electrical Supplies	196	1,208	733	-	-
01011406 503160 Hardware & Tools	3,438	3,027	1,170	3,000	3,000
01011406 503230 Plumbing/Air Conditioning Supp	2,016	1,302	1,186	-	-
01011406 503240 Trash Containers	108	182	-	800	800
01011406 506060 Equipment	6,477	9,767	4,898	5,000	5,000
01011406 508010 Pump-Out Boat	14	-	-	-	-
01011406 549640 Safety Supplies	-	-	-	1,312	1,312
<b>TOTAL</b>	<b>354,906</b>	<b>527,765</b>	<b>484,590</b>	<b>615,500</b>	<b>569,651</b>

Per the 2016 Municipal Fields and Parks Committee's Comprehensive Report Fields and Parks budget breaks down Specifically for each of the parks subject to this report as follows

Maintenance Costs from *Westerly Parks Committee's Comprehensive Report* June 2016

Park / Facility	Notes	Annual Fields Maintenance Cost (fy 2015-2016)	Anticipated Costs (this report)
Bradford Preserve	Low priority field	\$27,579.00	\$65,742.00
Cimaiole		\$125,639.00	\$100,471.00
Craig		\$37,028.00	\$26,774.00
Gingerella**		\$60,971.00	\$80,449.00
Westerly Youth Football*	Maintained by WYF	\$2,500.00	\$0.00
Rotary Park		\$17,638.00	\$13,235.00
Westerly Middle School**		\$39,542.00	\$46,238.00
Westerly High School (Augeri & Quad fields only) **		\$69,982.00	\$55,231.00
		<b>\$380,879.00</b>	<b>\$388,140.00</b>

\*annual town stipend to WYF

\*\* costs do not include recent renovations

**Athletic Programs – Funding and Volunteerism:**

Many of the towns athletics organizations provide funding for fields maintenance, or volunteer labor for maintenance that is not reflected in the budgets above. The following organizations contribute, and should be recognized for their roll in the upkeep of Westerly Facilities.

Facility	Organization	Task
Rotary Park Volleyball Courts	Co-Ed Volleyball League	\$3,000 for new sand, \$5,000 for new fencing
Cimalore – Baseball & Softball	Westerly Public Schools	Marking paint and infield materials.
Cimalore - Softball	Girls Softball	Funding for batting cage, dugout fencing
Craig Field	Mens Softball	Drags infield daily
Gingerella	Soccer Association	\$11,000 toward irrigation updates
Bradford Preserve	Youth Lacrosse League	Pay for portable toilets
Westerly High School – Augeri Field	WHS Football Boosters	Various

**Section 4.0 Maintenance Resources:**

The Department of Public Works maintains all the fields in this report with the exception of Westerly Youth Football on Hopkinton Road. Vendors currently have standing contracts for Irrigation maintenance and Lawn fertilization.

**INVENTORY OF MUNICIPAL/SCHOOL ATHLETIC FIELDS IN WESTERLY:**

FACILITY	RESPONSIBLE MAINTENANCE PARTY	SCHEDULER/CONTROLLER
Bradford Preserve	DPW	Park & Rec
Cimalore	DPW	Park & Rec/Schools
Craig	DPW	Park & Rec
Gingerella	DPW	Park & Rec/Schools
Westerly Youth Football	Westerly Youth Football	Westerly Youth Football
Rotary Park	DPW	Park & Rec
Westerly Middle School	DPW	WHS Athletic Director
Westerly High School (Augeri & Quad fields only)	DPW	WHS Athletic Director

Department of Public Works Maintenance Resources:

DPW Maintenance Staff Resources:

- 1 – Salary Employee (Superintendent of Public Works)
- 1 – Salary Employee (Assistant Superintendent of Public Works)
- 1 – Administrative Assistant
- 1 – Crew Leader
- 2 - Full time Laborers
- 3 (average) – Seasonal Staff

Schedule: April through October

Full time maintenance (field) personal includes 1 supervisor and 2 full time crew. During summer months three seasonal employees are also taken on. This maintenance crew is responsible for maintaining the parks included in this report as well as all other Westerly public spaces, including street islands, open space, greens and beaches.

For Fields work the DPW has two (2) dedicated mowers (one 72" and one 60" mower), and infield machine, field striping equipment and a core aerator. DPW staff mows fields, regularly. During the season 1 staff member is dedicated mostly to infields maintenance and 1 staff member is dedicated mostly to striping fields. Per the maintenance director the crews spend a good majority of their time keeping up with maintenance on the three High School fields.

Out-Sourced Maintenance Tasks:

Major Maintenance Vendors Include:

Irrigation maintenance

*Shoreline Sprinklers*

Fertilization, deep tine aeration, overseeding: *Fairplay Turf Services*

*(Four year contract 2016 – 2019)*

DPW engages the third party contractor, Fairplay Turf Services of West Kingston, RI for fertilization, Aeration and repairs of the fields listed in this report. Fairplay has also performed field renovations and re-sodding at Augeri and the Quad fields at the high school. Cost for repairs is in addition to Fairplay's current maintenance contract. For some repairs, costs for this vendor are shared with the School department. DPW is responsible for grass cutting operations for all the facilities in this report (Except Westerly Youth Football).

Currently, the DPW and the Schools do not regularly perform topsoil testing for the Town's athletic fields. The DPW performs all infield maintenance for their facilities to include grooming and lining all fields. Volunteers do assist with some tasks on a irregular basis (e.g. infield work at Craig). The Schools provide some financial support to the DPW for maintaining the Baseball and Softball fields at Cimalore.

Irrigation maintenance:

DPW is responsible for all irrigation upkeep and maintenance, spring start up and fall shut down. This work is currently contracted out to Shoreline Sprinklers of Westerly who perform all the irrigation maintenance at the fields, including springtime start up and fall shut down. Bradford Preserve is not irrigated. All the irrigation systems have clocks and rain sensors however it was noted that rain sensors are a common target for vandals. All of the systems have Hunter controls and heads. All the systems are city supply, except for Westerly Youth Football, which is well-fed. City water bills for the parks are \$60,000 to 80,000 per year. It was reported that occasionally the well pump at WYF occasionally has problems due to sand plugging the pump (thought to be caused by adjacent quarry blasting).

**Irrigation System Inventory:**

FACILITY NAME	AGE OF SYSTEM	Comments
Bradford Preserve	Not Irrigated	
Cimalore	> 20 YRS	Hunter controls for all systems
Craig	>10 YRS	
Gingerella	>20 YRS	WYF is well-fed system
Westerly Youth Football	>20 YRS	
Rotary Park	5 YRS non-field areas	
Westerly Middle School	10 YRS	Both High School Fields have booster pumps because of low line pressure
Westerly High School (Augeri)	> 10 YRS	
Westerly High School (Quad)	> 10 YRS	

**Fields Scheduling & Accountability;**

Westerly Schools Fields vs. Youth Sports Scheduling:

Westerly High School uses the softball and baseball field at Cimalore field, as well as the larger soccer fields at Gingerella. The schools have priority over youth programs for these fields. Scheduling is made by the Westerly High School Athletic Director and coordinated through Parks and Recreation. The Athletic Director also schedules field use at the Quad and Augeri Fields at the High school.

Fields Scheduling and Inclement Weather Policy;

A single game on a wet natural turf field can seriously damage the turf, or destroy a field altogether. Responsibility for field scheduling to assign accountability is important for this reason. Many times games the day (or two) following a heavy rainfall should be called due to wet conditions. ‘Sunny Day rain-outs’ result from wet conditions after heavy rain. This situation can be very difficult on responsible schedulers, as pressure to go forward with a game can be intense. Written policies on calling games can help schedulers greatly by providing written reinforcement and institutional back-up for sound decision making. It also provides accountability that will reduce damage to fields caused by scheduling pressures.

Currently Westerly does not have a inclement weather policy in place for any of the athletic fields maintained by the DPW. It is up to the game officials, the school Athletic Director or league administrators to call off a sports event due to inclement conditions. This is not preferred, as umpires have no accountability for the condition of the fields. A wet field may be playable – but expensive damage may result. This may be a contributing factor in the condition of Augeri field and the Quad field at the high school, which despite restricted use, intensive maintenance and repairs, have had to be reconstructed regularly in recent years.

## **5.0 – Maintenance Evaluation Summary**

Though town and school parks budget data is not broken out in a way that strictly isolates athletic field maintenance tasks, a comparison of what the anticipated field maintenance budget would be, and the current Public Works budgets for the fields is, reveals that current maintenance budgets are generally in line with a budget that would be anticipated to properly perform all the maintenance tasks required to keep turf playable on a municipally maintained field. There are differences in the prices between anticipated costs and actual budget costs, but these differences (in most instances) are not significant for this level of analysis. It should be noted however that recent repair and rehabilitation costs (e.g. Augeri and Gingerella) are carried separately in town budgets and are not reflected in the costs. When these repair costs are lumped in with typical maintenance budgets it appears that Westerly is spending much more than would be expected on the maintenance of these facilities. This additional amount would be indicative of the added maintenance needed to keep over-used fields in playable conditions.

Irrigation systems at the city parks are exclusively supplied by Municipal Water Supply, currently water bills to the town run between \$60,000-\$80,000 per year cumulatively for all the parks. Some savings may be realized by converting some parks to a well-fed irrigation system if groundwater conditions are favorable. The town may want to further pursue this option. The feasibility of well systems could be reviewed with a local well contractor, who is familiar with local groundwater/well yields.

Currently the Town does not have a written inclement weather policy, based on field conditions, for when scheduled games should be canceled. This lack of policy puts stress on the decision makers and likely results in fields being put in use before they should – resulting in turf damage and extra maintenance costs. It is recommended that a inclement weather policy be written, approved by the appropriate committees, and put into effect.





# Appendix C Community Input Section

*On-line Survey Results and Public Meeting Minutes*



## **Appendix C – Community Input**

### **Section 1.0 Introduction**

As part of the master planning for Athletic Fields in Westerly, public input was solicited both through well-advertised public meetings and through an On-line opinion survey. The meetings were held in June, August and October of 2017. At those meetings a presentation was made explaining the master planning process, and current progress. After the meeting public input and questions were solicited from the crowd. The minutes from those meetings are attached in this volume.

The online survey was in place for community participation an online survey was available from June 6, 2017 until September 28, 2017. The Survey had 22 questions regarding the participant, and how the participant / participants family uses parks in Westerly. The web link to the survey was posted on Town websites, e-mailed to residents, and distributed to Town residents in paper flyers and announcements at community events. A total of Five hundred and thirty-one (531) responses were received.

Below is a summary of the survey questions and responses, followed by observations/conclusions.

#### **Questions 1 through 5 - Demographic Information**

- 95.4% of the respondents were residents of Westerly
- 76% of the respondents were between the ages of 30 and 69 (a little more 22% were under 29, while a little more 14% were under the age of 18)
- 52.7% of the respondents had between 3 and 4 people in the household
- Almost 83% of the respondents had at least one child under 18 in the household
- 16% of respondents had no children in the household

**Conclusion:** The majority of respondents were mature (working age) Westerly residents. Households with children are much more highly represented than households without children in the survey. The following responses should be weighted with this demographic split in mind.

#### **Questions 6 – Information.**

**Question 6:** “What source of communication would you prefer to use to find out about events and opportunities related to parks? (Check all that apply.)”

- 38% e-mail
- 29% social networks (e.g., Twitter, Facebook)
- 12% Local Newspaper
- Lowest 3: schools, word of mouth, Westerly Town websites

**Conclusion:** Email is the preferred method of notifications/ communication.

**Question 7: “How often do you or a member of your household use Westerly active recreation facilities?”**

- 74% Weekly
- 17% a few times a month
- 7% A few times a year
- 2% never/rarely

**Conclusion:** Almost two thirds of the respondents use parks for active recreation on a weekly basis or more.

**Question 8: “How often do you or a member of your household use Westerly passive recreation facilities? (hiking, walking or fishing is considered passive recreation)”**

- 29% Weekly
- 29% a few times a month
- 30% A few times a year
- 12% never/rarely

**Conclusion:** 60% of the respondents use parks for passive recreation a few times monthly, or more.

**Questions 9 – “Which Recreation activities do you or a member of your household participate in within the Town of Westerly?”**

- 60% use playgrounds
- Soccer, Lacrosse, outdoor Basketball, tennis, football, baseball and softball were also high scorers....
- Heavily noted alternative activities were: Skatepark, walking, running track, marching band and trails.

**Conclusion:** Playgrounds are most popular. Skatepark and marching band are popular alternative activities.

**Question 10: “Which Recreation activities do you or a member of your household use more than twice a week?”**

- 33% use playgrounds
- Similar to #9 Soccer, Lacrosse, tennis, football, baseball and softball were also high scorers....
- It is worthy to note that 17% of respondents chose outdoor Basketball.
- Heavily noted alternative activities were: Skatepark, walking, running track, marching band and trails.

**Conclusion:** Playgrounds are most popular. Skatepark and marching band are popular alternative activities.

**Question 11:** “What outdoor active recreation facilities do you feel are currently unmet, or undeveloped within the Town of Westerly? (Check all that apply)”

- No single response to this question was over 35%.
- Football and Lacrosse were the only two responses over 30%
- Outdoor basketball was a high response at 29%
- Soccer fields, playgrounds Swimming and Winter sports were all between 20 and 25%.
- Baseball, Softball, Spray parks, and Skateparks were all between 10 and 20%.

**Conclusion:** Basketball, as well as sports fields that require the use of a multipurpose rectangular field were felt to be unmet or undeveloped in town.

**Question 12:** “Do you or a member of your household participate in any of the following organized sports programs? (Select up to four (4) programs.)”

- No single response to this question was over 27%.
- 17% of respondents checked “Not Involved”
- Youth & School Soccer, Youth Lacrosse and Recreational Basketball were all between 21 and 27%
- School Football, School Lacrosse, outdoor basketball, and youth football and soccer were all between 11 and 18%
- “fringe” sports such as flag football, street hockey, rugby, ultimate frisbee, disc golf and pickleball all rated between 0.4 and 1.7%.
- Popular write-ins included Cross Country, Track & Field, Skateboarding, Marching Band

**Conclusion:** Opinions vary greatly for this question, however, Youth level active recreation formed the majority of the participation.

**Question 13:** “Please rank your household’s use of up to four active recreation activities that you or a member of your household participate in (rank from most use to least use)”

**Conclusion:** the common sports: Baseball, Softball, as well as sports fields that require the use of a multipurpose rectangular field were ranked as most used most often.

**Question 14:** “Please rank each town recreation objective below in order of importance. Rank from Most important to least important”

- “New Athletic Fields” were rated 1 or 2 (Most important) a combined 57%.
- “Better maintain existing fields” were rated 1 or 2 (Most important) a combined 75%.
- “New Playgrounds” was rated 5 or 6 (least important) a combined 48%.
- The rest of the responses were somewhat evenly distributed or distributed around neutral numbers (3 or 4).

**Conclusion:** Athletic field maintenance and additions to the field inventory were important to a (close) majority of the respondents of the survey.

**Question 15:** “Please rank each town recreation facility below in order of perception of facility conditions”

- It is interesting to note that Rotary Park is perhaps the most visited site, with only 11% of the respondents never having visited the park.
- Athletic fields at the High School, and Gingerella also have a high profile, with less than 20% of the respondents having never visited those facilities.
- 72% of respondents who visited Rotary park listed it as in Adequate or Excellent condition.
- Cimalore, and the High School fields all rated highest as needing improvement (all between 45 and 52%)

**Conclusion:** The Fields at the High School and Cimalore are recognized by the public as needing improvement.

### **Questions 16 through 22 – Willingness for Change**

**Question 16:** “Do you feel that the Town of Westerly is currently investing enough resources into athletic fields and recreation facilities

- 19.5% answered YES
- 80.5% answered NO

**Conclusion:** The overwhelming perception is that Westerly should be investing more into its recreational facilities.

**Question 17:** “Are you concerned with the use of pesticides and herbicides for maintenance of turfgrass on park fields

- 25% Pesticides are necessary to maintain fields in playable conditions
- 44% Pesticides and herbicides should only be used responsibly to treat an existing issue
- 14% Pesticides and herbicides should NOT be used on public fields
- 18% - No opinion

**Conclusion:** Only 14% of respondents would agree with a ban on pesticide & herbicide use on public parks

**Questions 18:** “Synthetic turf fields are sometimes proposed as a way to increase field availability and to avoid the construction of additional fields to meet the demand of athletic programs. Do you object to the use of Synthetic turf?”

- 23% Yes (object to the use of synthetic turf)
- 64% No (do not object to the use of synthetic turf)
- 13% Don’t Know.

**Conclusion:** A strong majority of respondents do not object to the use of synthetic turf.

**Question 19:** “With the use of synthetic turf, what are your primary concerns”

- 48% of respondents are not concerned with the use of synthetic turf
- 22% are concerned about potential health or environmental risks
- 10% think it’s too expensive
- 14% prefer playing on natural grass
- 6% wrote in a response (mostly cost, maintenance and health concerns)

**Conclusion:** No clear majority exists on this issue. Should synthetic turf be considered, some education may be required to inform the public of actual health and environmental risks of turf, and on the costs of Synthetic turf vs. Natural grass.

**Question 20:** “Claims have been made that synthetic turf fields cause health problems. What is your opinion of these claims?”

- 33% of respondents are not concerned. Synthetic Turf is not dangerous
- 51% I don’t know, there is not enough research available
- 17% Synthetic turf causes health problems and should not be used.

**Conclusion:** Should Synthetic turf be considered, some education may be required to inform the public of health and environmental studies performed on synthetic turf, and on the costs of Synthetic turf vs. Natural grass.

**Question 21:** “Do you feel that acquisition of open space properties for the construction of additional athletic fields and recreation facilities is a good use of taxpayer dollars?”.

- 52% of respondents say “Yes, I feel that additional athletic fields are necessary”
- 19% of respondents say “Yes, it prevents open space from being developed”
- 22% say “No, I feel that the current amount of athletic fields in town is adequate”
- 7% say “No, Budget should be spent elsewhere.

**Conclusion:** 71% of respondents agree that the acquisition of open space is a good use of taxpayer dollars.

**Question 22:** “are you willing to pay additional taxes for additional outdoor athletic fields and recreation facilities in town? If so, how much?”

- 23% were not will to pay any additional taxes.
- 31% were willing to pay an additional \$25 annually
- 19% were willing to pay an additional \$50 annually
- 17% were willing to pay an additional \$100 annually
- 10% were willing to pay an additional \$200 annually

**Conclusion:** Parks provide a real value to Westerly Residents. 77% of respondents would pay an additional \$25 (or more) annually in taxes for Westerly Parks

## **CONCLUSIONS AND COMMENTS**

With 531 responses, the Westerly Athletics and Recreation Master Plan on line Survey provides valuable insight into the perceptions of the various recreational constituencies and stake holders. In our experience, the response rate (2.3%) is greater than would be typically expected for a population of 22,787 for a study similar to this. (In comparison to the last presidential election 49%). The conclusions made from this study however, may be somewhat skewed, given the narrow demographics of the participants. This skew can be seen in the high majority of the respondents having been from a household with 1 or more children, when compared to the 2010 census which listed only 30% of the households in town having children.

### **Summary of survey question conclusions:**

Below are some of the highlighted conclusions from the individual survey questions noted earlier in this section.

- The Survey results are skewed toward families with children in the household. Results indicate that almost 83% of the respondents had at least one child under 18 in the household. 2010 census data noted that only 30% of Westerly households had children.
- Almost two thirds of the respondents use parks for *active recreation* on a weekly basis or more.
- 60% of the respondents use parks for *passive recreation* a few times monthly, or more.
- Playgrounds are the most popular use over any specific sport or active recreational use. Skatepark and marching band are popular alternative activities.
- Athletic field maintenance and additions to the field inventory were important to a (close) majority of the respondents of the survey.
- The fields at the High School and Cimalore are recognized by the public as needing improvement.
- The overwhelming perception is that Westerly should be investing more into its recreational facilities.
- Only 14% of respondents would agree with a ban on pesticide & herbicide use on public parks
- A strong majority (64%) of respondents do not object to the use of synthetic turf.
- Should Synthetic turf be considered, some education may be required to inform the public of health and environmental studies performed on synthetic turf, and on the costs of Synthetic turf vs. Natural grass.
- 71% of respondents agree that the acquisition of open space is a good use of taxpayer dollars.
- Parks provide a real value to Westerly Residents. 77% of respondents would pay an additional \$25 annually in taxes for Westerly Parks

### **Survey write in comments:**

At the end of the survey was a write in box which allowed respondents to write in comments (up to 250 characters). Those responses varied greatly and cannot all be evaluated here, however some of the common comments included things such as: not spending any additional money or maintaining existing parks better was a repeated theme. Adding a Pool, Skate park, or Synthetic turf field are very common comments. Running trails, or a bike path were noted. Marching

bands need for space was well represented. The perception that High and Middle school fields are only for school use was commented on multiple times.

**Public Meeting Comments:**

Three Public meetings were held, one in June one in August and in October of 2017. At the end of each meeting a public forum was held, and questions and comments solicited from the audience. Many of those comments are similar to the comments received during the on-line survey and varied greatly in scope and subject. However, comments were common about the poor conditions of some of the parks, the need (or lack of need) for a synthetic turf field and specific conditions at the parks.

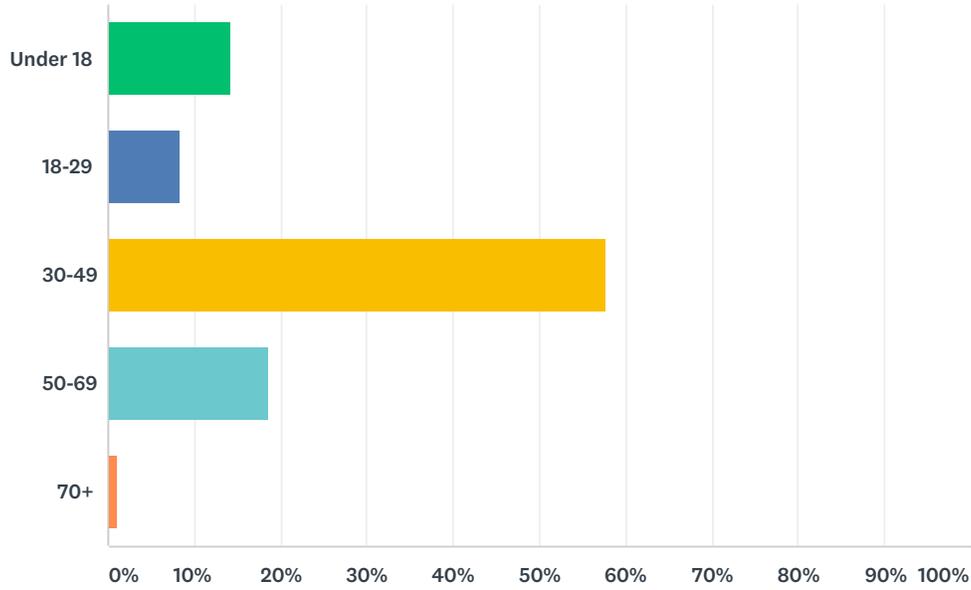
The on-line survey, as well as community meetings and input, are intended as tools to allow the Town to document the views of Town residents in a way that can be used to formulate policy and capital planning for the Town parks. This survey is only single component of a larger Athletic Facilities Master Plan effort for Westerly's parks. The results of this process can be used to gage public support for future programs, as well as help prioritize improvements over the coming years.



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## Q2 Age group of person(s) completing this survey?

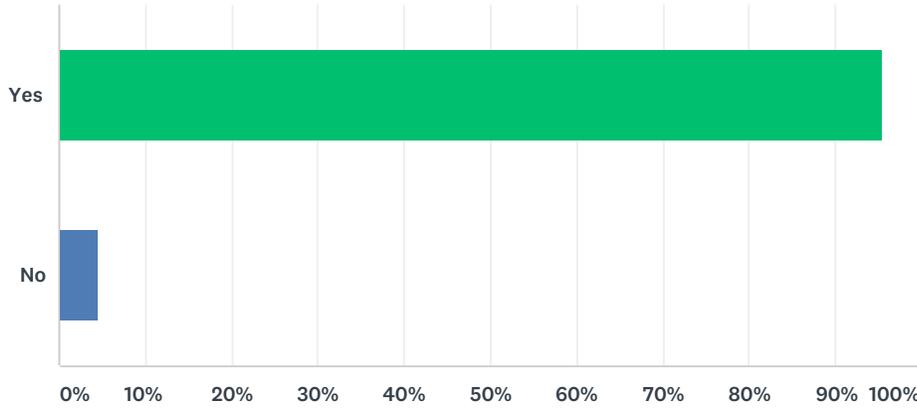
Answered: 530 Skipped: 1



ANSWER CHOICES	RESPONSES	
Under 18	14.15%	75
18-29	8.30%	44
30-49	57.74%	306
50-69	18.68%	99
70+	1.13%	6
<b>TOTAL</b>		<b>530</b>

### Q3 Are you a resident of Westerly?

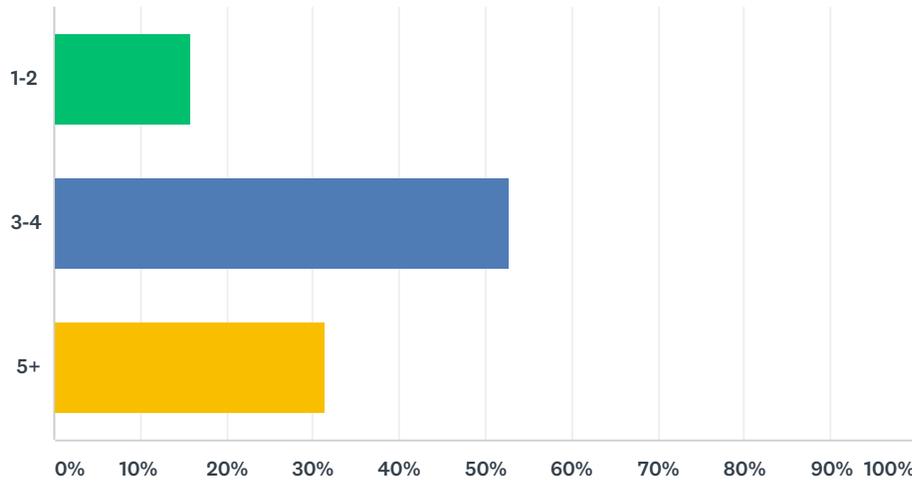
Answered: 528 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	95.45%	504
No	4.55%	24
TOTAL		528

## Q4 How many people live in your household?

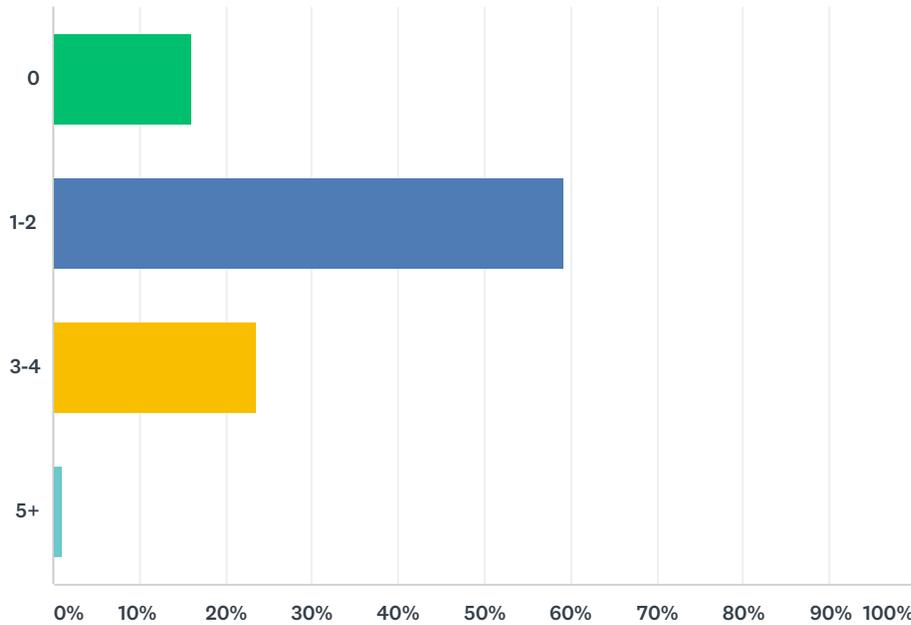
Answered: 529 Skipped: 2



ANSWER CHOICES	RESPONSES	
1-2	15.88%	84
3-4	52.74%	279
5+	31.38%	166
TOTAL		529

### Q5 How many children (under age 18) live in your household?

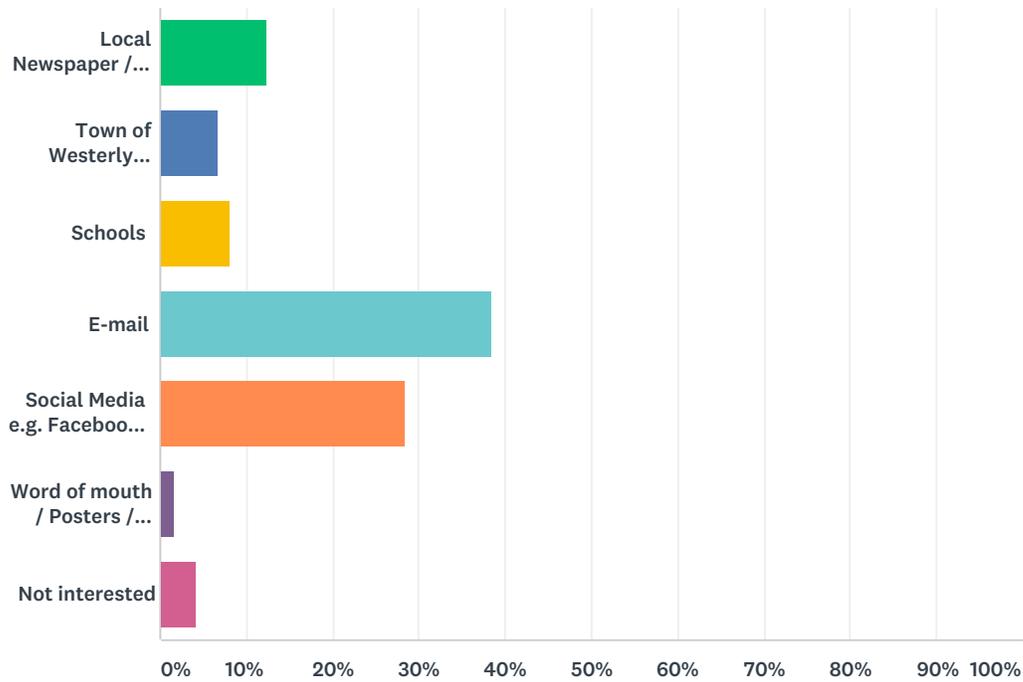
Answered: 530 Skipped: 1



ANSWER CHOICES	RESPONSES	
0	16.04%	85
1-2	59.25%	314
3-4	23.58%	125
5+	1.13%	6
TOTAL		530

## Q6 How would you like to be informed about recreational events and opportunities within the Town of Westerly?

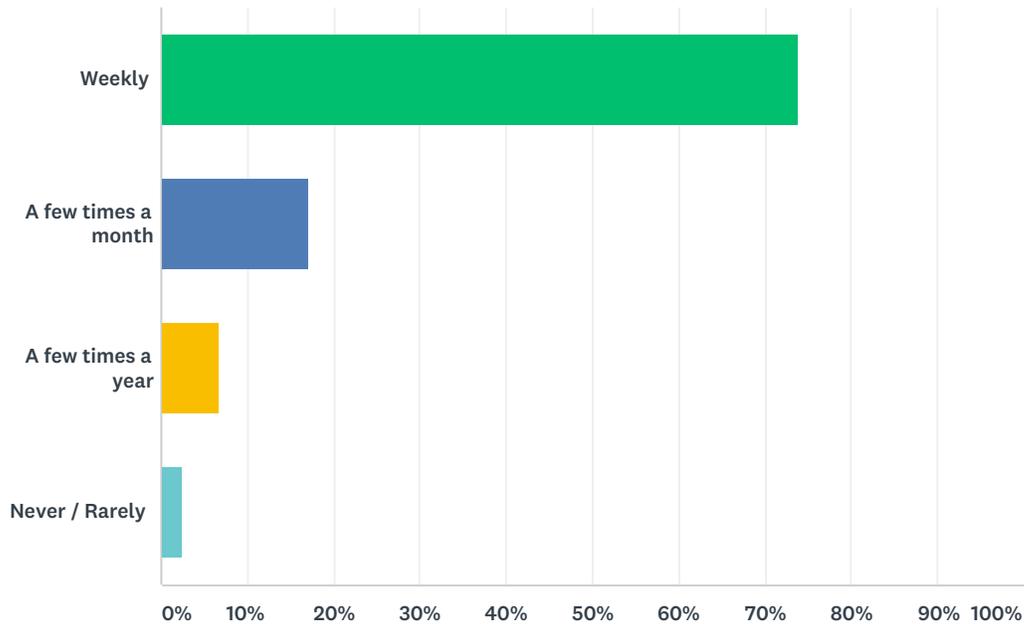
Answered: 529 Skipped: 2



ANSWER CHOICES	RESPONSES	
Local Newspaper / Publications	12.29%	65
Town of Westerly Website	6.62%	35
Schools	8.13%	43
E-mail	38.56%	204
Social Media e.g. Facebook / Twitter	28.54%	151
Word of mouth / Posters / Flyers / Signage	1.70%	9
Not interested	4.16%	22
<b>TOTAL</b>		<b>529</b>

### Q7 How often do you or a member of your household use Westerly active recreation facilities? (Athletic fields, courts, and playground areas are considered active recreation.)

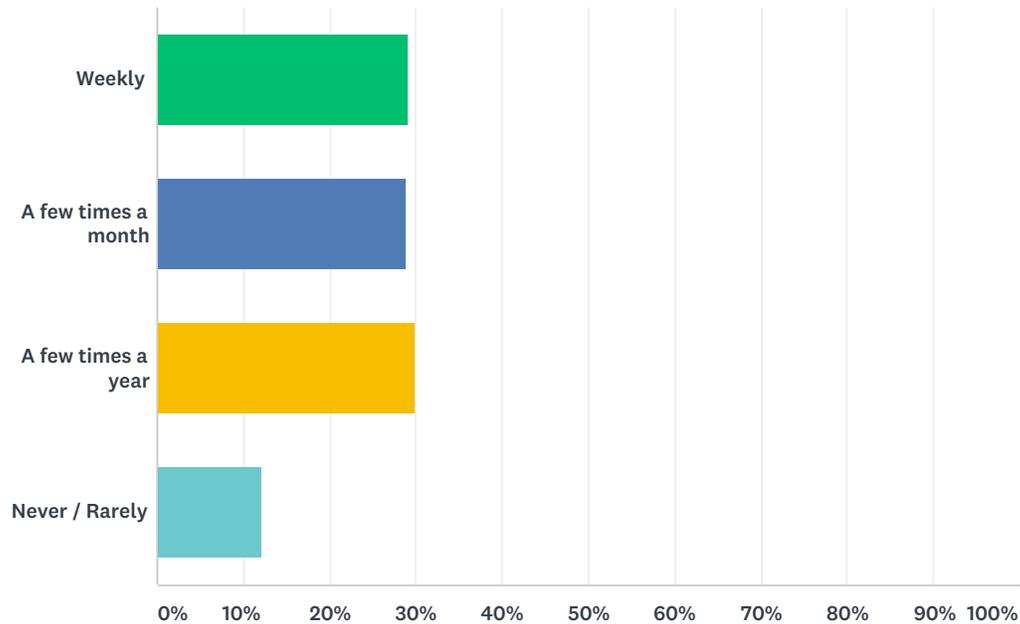
Answered: 530 Skipped: 1



ANSWER CHOICES	RESPONSES	
Weekly	73.77%	391
A few times a month	17.17%	91
A few times a year	6.60%	35
Never / Rarely	2.45%	13
TOTAL		530

### Q8 How often do you or a member of your household use Westerly passive recreation facilities? (Hiking, walking, or fishing is considered passive recreation.)

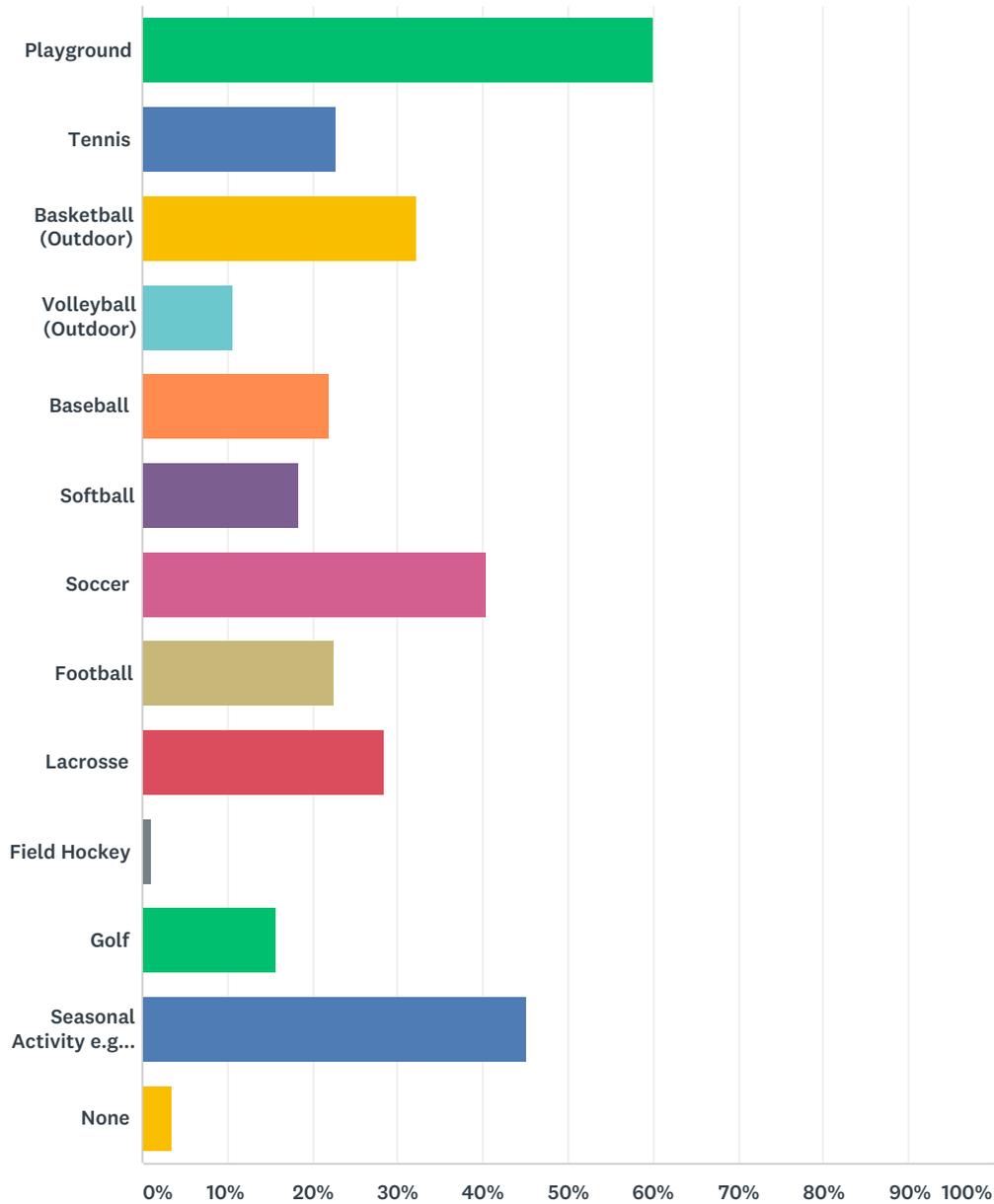
Answered: 530 Skipped: 1



ANSWER CHOICES	RESPONSES	
Weekly	29.06%	154
A few times a month	28.87%	153
A few times a year	30.00%	159
Never / Rarely	12.08%	64
TOTAL		530

### Q9 Which recreational activities do you or a member of your household participate in within the Town of Westerly? Check all that apply.

Answered: 483 Skipped: 48



ANSWER CHOICES	RESPONSES	
Playground	60.04%	290
Tennis	22.77%	110
Basketball (Outdoor)	32.30%	156
Volleyball (Outdoor)	10.77%	52
Baseball	21.95%	106

Softball	18.43%	89
Soccer	40.37%	195
Football	22.57%	109
Lacrosse	28.36%	137
Field Hockey	1.04%	5
Golf	15.73%	76
Seasonal Activity e.g. sledding / snowshoeing / skiing	45.13%	218
None	3.52%	17
Total Respondents: 483		

#	OTHER (PLEASE SPECIFY)	DATE
1	fishing	9/25/2017 6:16 PM
2	Cross Country	9/25/2017 5:58 PM
3	Swimming	9/25/2017 2:13 PM
4	Running and Hiking	9/25/2017 12:54 PM
5	trail running, mountain biking	9/25/2017 11:52 AM
6	Skateboarding	9/25/2017 11:19 AM
7	Hiking, mountain bike	9/25/2017 10:14 AM
8	Biking, boating, swimming, running and walking	9/25/2017 9:58 AM
9	Skate park, skating rink	9/23/2017 10:00 PM
10	Hiking trails in preserves	9/21/2017 9:07 AM
11	Walking	9/20/2017 11:00 PM
12	hiking and walking	9/20/2017 8:00 PM
13	Hockey	9/20/2017 7:53 PM
14	White Rock Skateboarding Facility	9/20/2017 3:29 PM
15	Track	9/20/2017 9:31 AM
16	Gymnastics / Dance / Hockey	9/20/2017 8:49 AM
17	skate board park	9/19/2017 10:20 PM
18	Skate boarding at the westerly skate park	9/19/2017 6:20 PM
19	Use of Track	9/19/2017 6:10 PM
20	Hiking trail	9/19/2017 2:16 PM
21	White Rock Skatepark	9/19/2017 11:53 AM
22	Skate park	9/19/2017 11:45 AM
23	Skatepark	9/19/2017 11:44 AM
24	Bike	9/11/2017 9:01 PM
25	Marching band	9/6/2017 8:30 PM
26	Town Beach	9/6/2017 6:42 PM
27	skate park	9/2/2017 9:34 AM
28	Pokémon go, geocaching, would like to do pickle ball, kickball, dodgeball,and curling	9/1/2017 3:27 PM
29	Pokémon go, geocaching, would like to do pickle ball, kickball, dodgeball,and curling	9/1/2017 3:27 PM

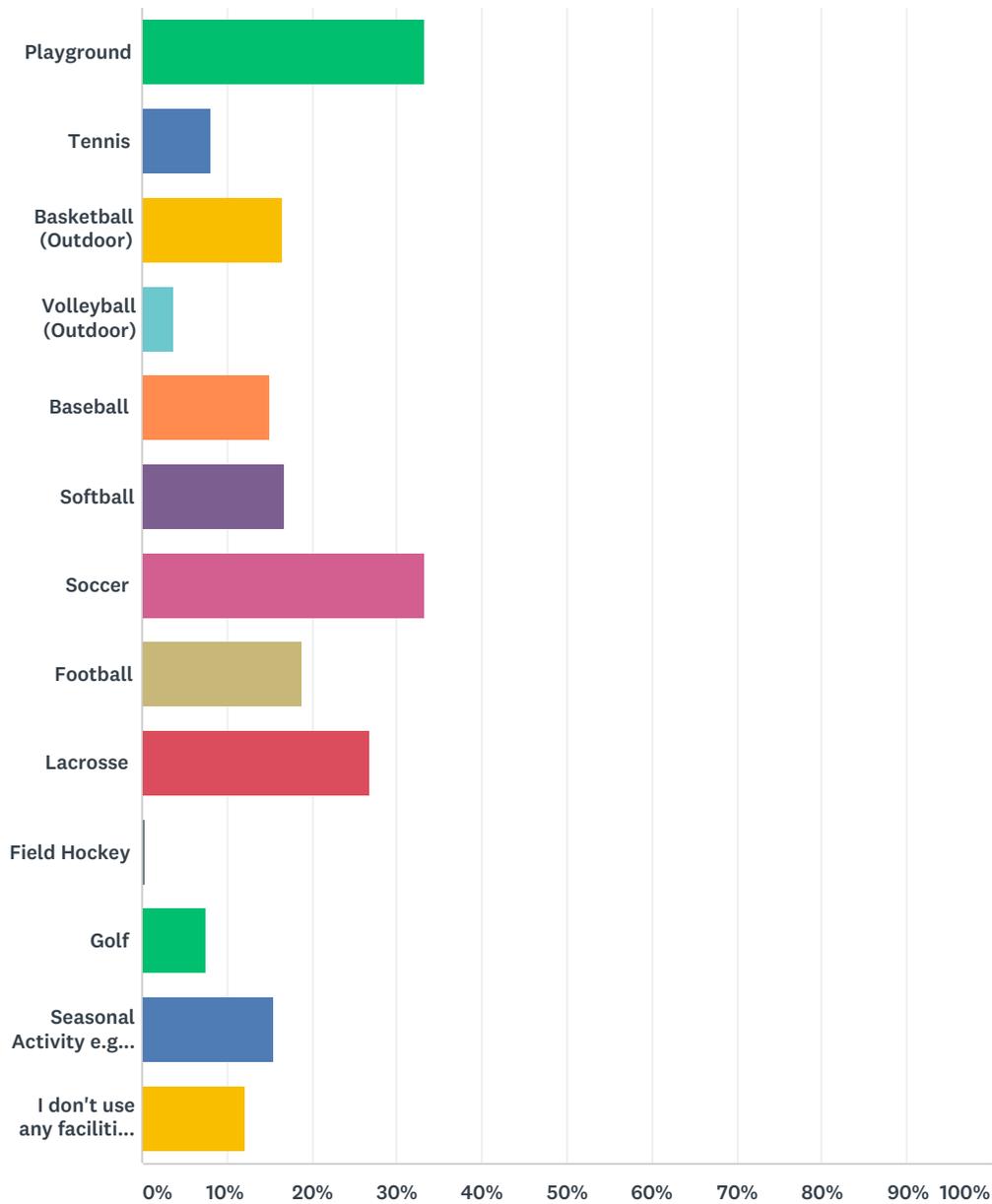
30	Skatepark	9/1/2017 3:10 PM
31	Table tennis	8/31/2017 10:49 PM
32	T ball	8/31/2017 10:02 PM
33	Skatepark	8/31/2017 7:46 PM
34	skateboarding	8/31/2017 7:18 PM
35	biking	8/29/2017 9:47 AM
36	Skateboarding	8/28/2017 4:09 PM
37	Track	8/25/2017 10:45 AM
38	Running	8/24/2017 12:11 PM
39	Track	8/23/2017 1:14 PM
40	track	8/23/2017 11:35 AM
41	Beaches	8/22/2017 10:29 AM
42	Hiking	8/22/2017 7:27 AM
43	skatepark	8/21/2017 9:38 PM
44	Summer Camp, Skateboarding	8/21/2017 2:46 PM
45	Scooter freestyle/skating	8/21/2017 1:58 PM
46	Track	8/21/2017 12:44 PM
47	skatepark	8/21/2017 7:53 AM
48	Skateboarding	8/20/2017 10:05 PM
49	Skateboarding	8/20/2017 8:23 PM
50	Skate park and park	8/20/2017 8:09 PM
51	Skatepark	8/20/2017 6:04 PM
52	Skateboarding.	8/20/2017 5:40 PM
53	Skatepark	8/20/2017 5:21 PM
54	Surfing, SUP'ng	8/20/2017 3:27 PM
55	Skateboarding at White Rock	8/20/2017 3:16 PM
56	skate park	8/20/2017 2:47 PM
57	Skateboarding	8/20/2017 2:47 PM
58	Skateboarding	8/20/2017 2:42 PM
59	Skateboarding	8/20/2017 2:09 PM
60	Skateboard park	8/20/2017 1:39 PM
61	Skateboarding	8/20/2017 1:36 PM
62	Skateboarding	8/20/2017 11:52 AM
63	Skateboarding	8/20/2017 11:50 AM
64	Skatepark	8/20/2017 11:18 AM
65	Skateboarding	8/20/2017 11:10 AM
66	Track	8/20/2017 11:10 AM
67	Skateboarding	8/20/2017 10:50 AM
68	Skateboarding & biking	8/20/2017 10:46 AM
69	Skateboarding	8/20/2017 10:26 AM
70	Skatepark	8/20/2017 10:14 AM

71	Skateboarding daily	8/20/2017 10:11 AM
72	Running	8/20/2017 8:56 AM
73	Surfing	8/19/2017 8:50 PM
74	Track and field	8/17/2017 2:48 PM
75	Bicycling, walking	8/17/2017 1:47 PM
76	Town beach	8/15/2017 11:27 AM
77	Track	8/11/2017 8:13 PM
78	Biking, kayaking	8/7/2017 10:29 AM
79	Land trust property hikes	8/5/2017 5:10 PM
80	Walking in the parks	7/21/2017 4:18 PM
81	Pool, running, surfing, hiking	7/18/2017 4:08 PM
82	walking	7/13/2017 7:59 PM
83	Marching Band	7/11/2017 1:00 AM
84	Sakteboard	7/7/2017 6:36 PM
85	Swimming, sailing , skating	7/6/2017 12:38 AM
86	track	7/5/2017 9:46 PM
87	Beach	7/5/2017 9:31 PM
88	Ice skating	7/5/2017 8:39 PM
89	WHS Marching Band	7/5/2017 6:15 PM
90	hiking, marching band, biking, swim, paddle sports	7/2/2017 11:56 AM
91	hiking	7/1/2017 4:06 PM
92	Field Hockey program at the Stonington COMO. Not aware of a westerly program but would be very interested.	7/1/2017 10:26 AM
93	Whs track and field/quad/throwing circles	7/1/2017 12:48 AM
94	Marching band	6/30/2017 11:04 PM
95	Marching band / colorguard	6/30/2017 10:56 PM
96	Marching band	6/30/2017 5:41 PM
97	Marching band	6/30/2017 11:41 AM
98	Walking	6/30/2017 7:09 AM
99	Marching band	6/30/2017 6:53 AM
100	Marching Band	6/29/2017 9:08 PM
101	Marching Band	6/29/2017 9:06 PM
102	Walking	6/29/2017 9:03 PM
103	WHs Marching Band uses fields a lot.	6/29/2017 6:07 PM
104	Marching Band	6/29/2017 3:24 PM
105	Hiking	6/29/2017 2:57 PM
106	Marching Band	6/29/2017 2:23 PM
107	Marching Band	6/29/2017 1:44 PM
108	Colorguard	6/29/2017 1:19 PM
109	track	6/29/2017 1:16 PM
110	Cycling	6/29/2017 12:44 PM

111	Marching band	6/29/2017 12:35 PM
112	Chorus/band	6/29/2017 11:48 AM
113	WHS Marching Band	6/29/2017 11:26 AM
114	Cheering and high School marching band	6/29/2017 11:22 AM
115	Marching Band	6/29/2017 11:08 AM
116	Marching band	6/29/2017 11:01 AM
117	Marching Band	6/29/2017 10:53 AM
118	MARCHING BAND, WESTERLY HS	6/29/2017 10:48 AM
119	WHS marching band	6/29/2017 10:42 AM
120	Marching band	6/29/2017 10:42 AM
121	Marching Band	6/29/2017 10:38 AM
122	Marching Band	6/29/2017 10:36 AM
123	Marching band	6/29/2017 10:33 AM
124	Dance line	6/29/2017 10:30 AM
125	Marching Band	6/29/2017 10:29 AM
126	Marching band practices	6/29/2017 10:27 AM
127	Marching Band	6/29/2017 10:23 AM
128	Marching Band	6/29/2017 10:23 AM
129	Marching Band (football field/quad)	6/29/2017 10:23 AM
130	Dance	6/29/2017 10:22 AM
131	Matching Band	6/29/2017 10:20 AM
132	Marching band	6/29/2017 10:20 AM
133	Marching Band	6/29/2017 10:19 AM
134	Marching Band	6/29/2017 10:18 AM
135	Marching Band.	6/29/2017 10:17 AM
136	Hiking	6/29/2017 9:57 AM
137	cross country running, track	6/29/2017 9:50 AM
138	Marching Band	6/29/2017 4:21 AM
139	Trail running	6/28/2017 9:00 PM
140	PE teacher that uses quad and football fields	6/28/2017 8:55 PM
141	Hiking	6/28/2017 4:17 PM
142	Walking and Hiking	6/28/2017 4:10 PM
143	Cross Country/Track	6/28/2017 12:03 PM
144	Karate	6/28/2017 11:12 AM
145	Running and hiking trails	6/28/2017 9:09 AM
146	cross country trail	6/28/2017 8:34 AM

### Q10 Which recreational activities do you or a member of your household use more than twice a week (when in season)? Check all that apply.

Answered: 472 Skipped: 59



ANSWER CHOICES	RESPONSES	
Playground	33.26%	157
Tennis	8.26%	39
Basketball (Outdoor)	16.53%	78
Volleyball (Outdoor)	3.81%	18
Baseball	15.04%	71

Softball	16.74%	79
Soccer	33.26%	157
Football	18.86%	89
Lacrosse	26.69%	126
Field Hockey	0.42%	2
Golf	7.63%	36
Seasonal Activity e.g. sledding / snowshoeing / skiing	15.47%	73
I don't use any facilities that often	12.08%	57
Total Respondents: 472		

#	OTHER (PLEASE SPECIFY)	DATE
1	fishing	9/25/2017 6:16 PM
2	Cross Country	9/25/2017 5:58 PM
3	Running and Hiking	9/25/2017 12:54 PM
4	trail running, mountain biking	9/25/2017 11:52 AM
5	Mountain bike	9/25/2017 10:14 AM
6	Skate park, ice skating	9/23/2017 10:00 PM
7	Walking	9/20/2017 11:00 PM
8	walking	9/20/2017 8:00 PM
9	Hockey	9/20/2017 7:53 PM
10	White Rock Skateboarding Facility	9/20/2017 3:29 PM
11	Cross country	9/20/2017 9:31 AM
12	Gymnastics / Dance	9/20/2017 8:49 AM
13	skate board park	9/19/2017 10:20 PM
14	White Rock skatepark	9/19/2017 11:53 AM
15	Skate park	9/19/2017 11:45 AM
16	Bike	9/11/2017 9:01 PM
17	Marching band	9/6/2017 8:30 PM
18	Town Beach	9/6/2017 6:42 PM
19	skate park	9/2/2017 9:34 AM
20	I'd like to though. I want to join leagues and stuff but don't know how!	9/1/2017 3:27 PM
21	I'd like to though. I want to join leagues and stuff but don't know how!	9/1/2017 3:27 PM
22	Skatepark	9/1/2017 3:10 PM
23	T ball	8/31/2017 10:02 PM
24	Skatepark	8/31/2017 7:46 PM
25	Skateboard park	8/31/2017 7:18 PM
26	Skateboarding	8/28/2017 4:09 PM
27	Track	8/25/2017 10:45 AM
28	Track	8/23/2017 1:14 PM
29	track	8/23/2017 11:35 AM

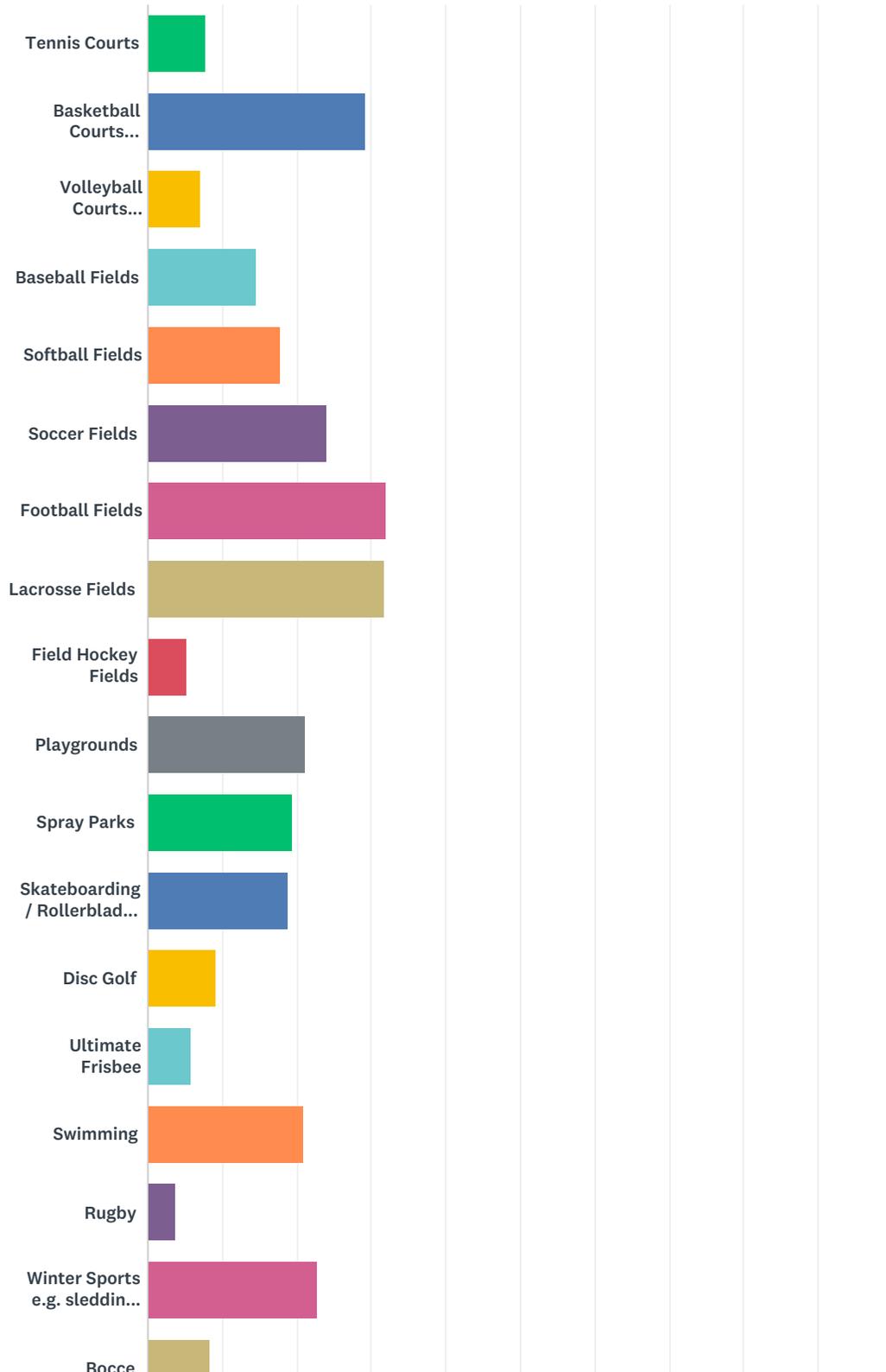
30	Beaches	8/22/2017 10:29 AM
31	skatepark	8/21/2017 9:38 PM
32	White rock skate park	8/21/2017 1:58 PM
33	skatepark	8/21/2017 7:53 AM
34	Skateboarding	8/20/2017 10:05 PM
35	Skate park and park	8/20/2017 8:09 PM
36	Skatepark	8/20/2017 6:04 PM
37	Skate park	8/20/2017 5:40 PM
38	Skatepark	8/20/2017 5:21 PM
39	Beach	8/20/2017 3:27 PM
40	Skateboarding	8/20/2017 3:16 PM
41	skate park	8/20/2017 2:47 PM
42	Skateboarding	8/20/2017 2:42 PM
43	Skateboarding	8/20/2017 2:09 PM
44	Skateboarding	8/20/2017 1:36 PM
45	Skateboarding	8/20/2017 11:52 AM
46	Skateboarding	8/20/2017 11:50 AM
47	WHITEROCK skate park	8/20/2017 11:36 AM
48	Skatepark	8/20/2017 11:18 AM
49	Skateboarding	8/20/2017 11:10 AM
50	Track	8/20/2017 11:10 AM
51	Skateboarding	8/20/2017 10:50 AM
52	Skateboarding	8/20/2017 10:26 AM
53	Skatepark	8/20/2017 10:14 AM
54	Skateboarding daily	8/20/2017 10:11 AM
55	Walking in the park	8/18/2017 10:05 AM
56	Track at westerly high	8/17/2017 2:48 PM
57	I would do more bicycling & walking if sidewalks were better, roads were bicycle friendly, and recreation areas had more available.	8/17/2017 1:47 PM
58	Track	8/11/2017 8:13 PM
59	Beach	8/7/2017 10:29 AM
60	Cheering	8/6/2017 7:47 PM
61	Cheerleading	7/24/2017 1:09 PM
62	toddler classes	7/23/2017 7:25 PM
63	swimming- pool	7/18/2017 4:08 PM
64	Marching Band	7/11/2017 1:00 AM
65	Skateboard	7/7/2017 6:36 PM
66	Swimming , skating , track	7/6/2017 12:38 AM
67	2We plan to when our kids are a little older.	7/5/2017 10:22 PM
68	Hiking	7/5/2017 7:38 PM
69	WHS Marching Band	7/5/2017 6:15 PM

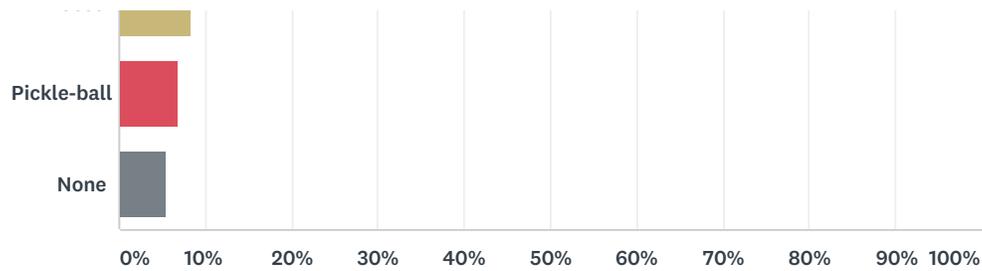
70	marching band, swim, paddle sports, fishing	7/2/2017 11:56 AM
71	Whs track/quad/throwing circles	7/1/2017 12:48 AM
72	Marching band	6/30/2017 11:04 PM
73	Marching band / colorguard	6/30/2017 10:56 PM
74	Marching band	6/30/2017 5:41 PM
75	Marching band	6/30/2017 11:41 AM
76	ice rink	6/30/2017 7:09 AM
77	Marching band	6/30/2017 6:53 AM
78	Marching Band	6/29/2017 9:08 PM
79	Marching Band	6/29/2017 9:06 PM
80	WHS Marching Band	6/29/2017 6:07 PM
81	Marching band	6/29/2017 3:24 PM
82	Marching Band	6/29/2017 1:44 PM
83	Colorguard	6/29/2017 1:19 PM
84	track	6/29/2017 1:16 PM
85	Cycling	6/29/2017 12:44 PM
86	Marching Band	6/29/2017 12:35 PM
87	Chorus/band	6/29/2017 11:48 AM
88	WHS Marching Band Fields	6/29/2017 11:26 AM
89	Cheering and band	6/29/2017 11:22 AM
90	Marching Band	6/29/2017 11:08 AM
91	Marching band	6/29/2017 11:01 AM
92	Marching Band	6/29/2017 10:53 AM
93	MARCHING BAND, WESTERLY HS	6/29/2017 10:48 AM
94	WHS marching band	6/29/2017 10:42 AM
95	Marching band	6/29/2017 10:42 AM
96	Marching Band	6/29/2017 10:38 AM
97	Marching band	6/29/2017 10:36 AM
98	Marching band	6/29/2017 10:33 AM
99	Marching Band	6/29/2017 10:29 AM
100	Marching band practices	6/29/2017 10:27 AM
101	Marching Band	6/29/2017 10:23 AM
102	Marching Band	6/29/2017 10:23 AM
103	Marching band (football field/quad)	6/29/2017 10:23 AM
104	Dance	6/29/2017 10:22 AM
105	Marching Band	6/29/2017 10:20 AM
106	Marching band	6/29/2017 10:20 AM
107	Marching Band	6/29/2017 10:19 AM
108	Marching Band.	6/29/2017 10:17 AM
109	cross country running, track	6/29/2017 9:50 AM
110	MARCHING BAND	6/29/2017 4:21 AM

111	Daily for pe classes	6/28/2017 8:55 PM
112	Cross Country/Track	6/28/2017 12:03 PM
113	Running and hiking trails	6/28/2017 9:09 AM
114	cross country trail	6/28/2017 8:34 AM

### Q11 What outdoor active recreation facilities do you feel are currently unmet, or underdeveloped within the Town of Westerly? Check all that apply.

Answered: 489 Skipped: 42





ANSWER CHOICES	RESPONSES	
Tennis Courts	7.77%	38
Basketball Courts (Outdoor)	29.24%	143
Volleyball Courts (Outdoor)	7.16%	35
Baseball Fields	14.72%	72
Softball Fields	17.79%	87
Soccer Fields	24.13%	118
Football Fields	32.11%	157
Lacrosse Fields	31.90%	156
Field Hockey Fields	5.32%	26
Playgrounds	21.06%	103
Spray Parks	19.43%	95
Skateboarding / Rollerblading Parks	18.81%	92
Disc Golf	9.20%	45
Ultimate Frisbee	5.93%	29
Swimming	20.86%	102
Rugby	3.68%	18
Winter Sports e.g. sledding / snowshoeing / skiing / snowboarding	22.70%	111
Bocce	8.38%	41
Pickle-ball	6.95%	34
None	5.52%	27
Total Respondents: 489		

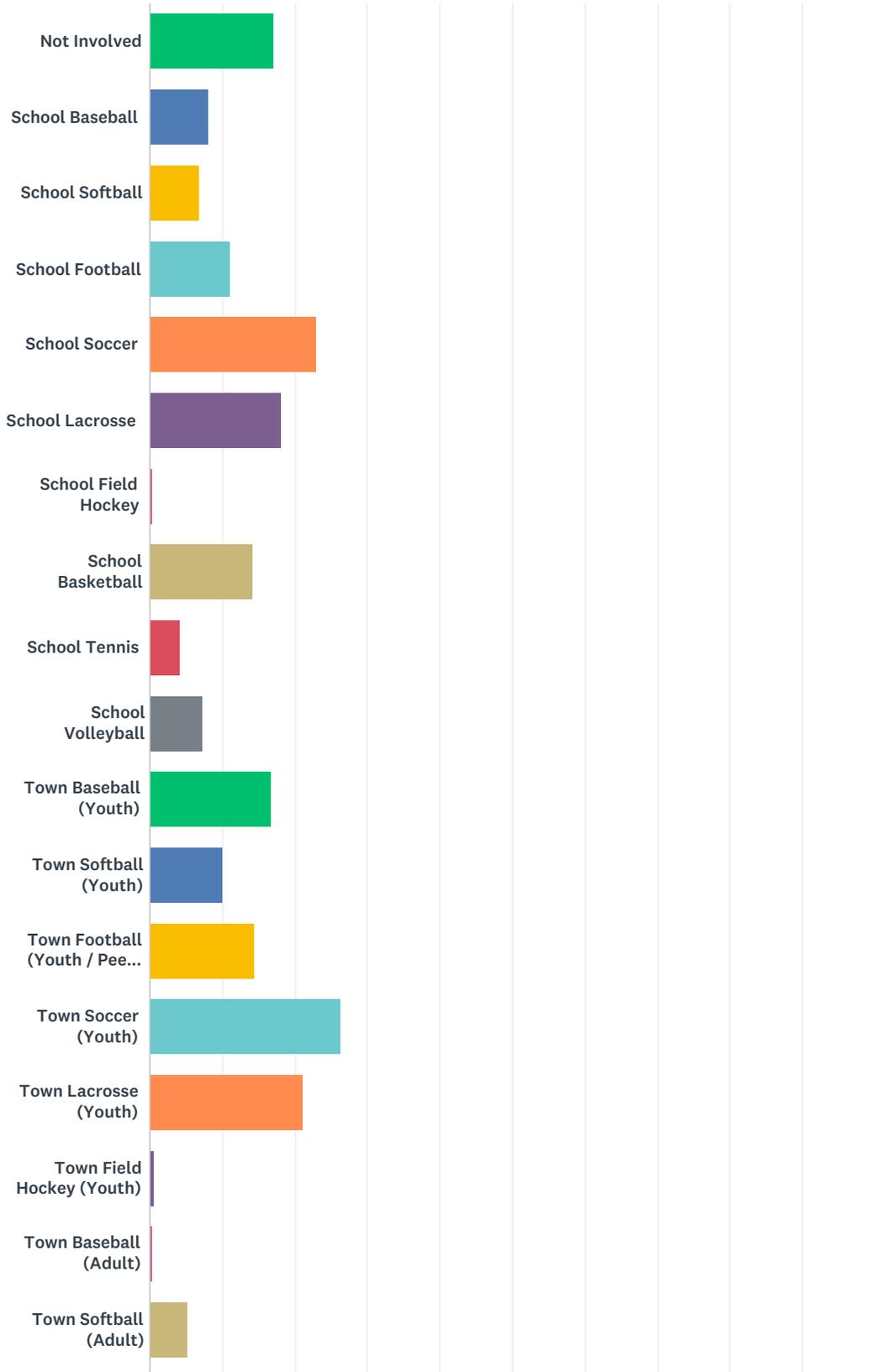
#	OTHER (PLEASE SPECIFY)	DATE
1	Bike trail(s)	9/25/2017 4:25 PM
2	Mountain biking and hiking	9/25/2017 2:13 PM
3	Rowing, other non-swimming water sports, Hurling	9/25/2017 11:31 AM
4	Cross Country	9/25/2017 11:19 AM
5	Mountain bike trails	9/25/2017 10:14 AM
6	Bike trails	9/25/2017 10:03 AM
7	Hockey	9/20/2017 7:53 PM

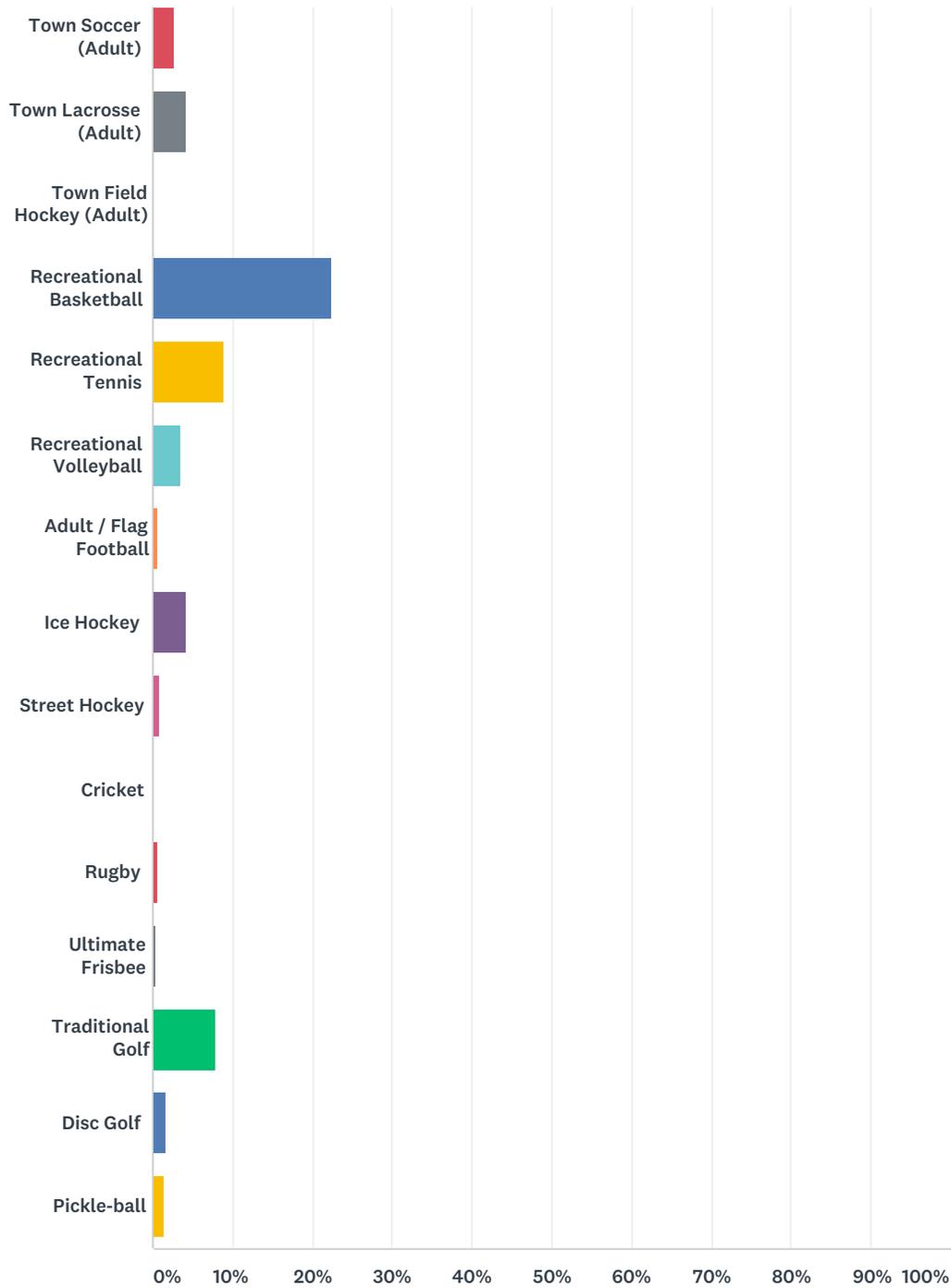
8	high school field	9/19/2017 3:20 PM
9	White rock skate oarm	9/19/2017 11:45 AM
10	Skatepark	9/19/2017 11:44 AM
11	Bike signs and paths	9/11/2017 9:01 PM
12	Marching band	9/6/2017 8:30 PM
13	Hunting	9/5/2017 6:05 PM
14	Biking, Jogging trails	8/24/2017 12:11 PM
15	Bike Paths	8/23/2017 9:29 PM
16	Beaches	8/22/2017 10:29 AM
17	Town needs to care for fields and facilities it currently has. Bathrooms, brush trimming, picking up trash among other things are all current issues.	8/21/2017 7:53 AM
18	Dog park, skatepark	8/20/2017 6:04 PM
19	Skatepark	8/20/2017 5:21 PM
20	Hiking/running trails, bike paths	8/20/2017 3:03 PM
21	Skateboarding	8/20/2017 1:36 PM
22	Skateboarding	8/20/2017 10:50 AM
23	Calisthenics parks (see barstarz)	8/20/2017 8:56 AM
24	Running path and bike path	8/20/2017 8:55 AM
25	The Bradford area is underserved. The Bradford Preserve should be reasonably developed to provide appropriate Lacrosse fields, walking/jogging trails, fitness stations, cross-country trail for school-age prpgrams, permanent ADA compliant restrooms, covered pavilion, wood guardrail between field and the roadway. The outdoor area at Bradford School should be improved for additional recreational opportunities.	8/17/2017 1:47 PM
26	Middle school fields	8/16/2017 10:20 PM
27	River linear parkway	8/11/2017 8:13 PM
28	Biking	8/7/2017 10:29 AM
29	Toddler/Child Programs	7/23/2017 7:25 PM
30	Hiking	7/18/2017 4:08 PM
31	bicycle paths	7/12/2017 4:49 PM
32	Craigs Field	7/7/2017 7:14 PM
33	skateboard Park	7/7/2017 6:36 PM
34	Swimming, skating , track	7/6/2017 12:38 AM
35	biking and hiking trails, paddle sport access	7/2/2017 11:56 AM
36	I would love to see Westerly invest in a field hockey program.	7/1/2017 10:26 AM
37	Throwing circles lower field	7/1/2017 12:48 AM
38	Marching band practice field	6/30/2017 11:04 PM
39	Marching band	6/30/2017 5:41 PM
40	We need a bike path, predominantly wooded, that runs from Richmond to Groton	6/30/2017 7:09 AM
41	Marching band	6/30/2017 6:53 AM
42	Marching Band	6/29/2017 9:06 PM
43	Track	6/29/2017 9:03 PM
44	WHS fields marching band uses.	6/29/2017 6:07 PM

45	I don't know much about the other facilities to state to comment	6/29/2017 3:32 PM
46	i'm not sure about the others	6/29/2017 3:23 PM
47	Fields specifically for marching, not for football	6/29/2017 1:44 PM
48	Marching band Fields	6/29/2017 12:35 PM
49	WHS Fields	6/29/2017 11:26 AM
50	MARCHING BAND, WESTERLY HS	6/29/2017 10:48 AM
51	Marching band	6/29/2017 10:42 AM
52	Westerly High School Fields	6/29/2017 10:38 AM
53	All fields at the high school for the marching band to practice on	6/29/2017 10:36 AM
54	Marching Band fields	6/29/2017 10:29 AM
55	Swimming	6/29/2017 10:27 AM
56	Marching Band/Football Field	6/29/2017 10:23 AM
57	Marching Band	6/29/2017 10:23 AM
58	Marching Band	6/29/2017 10:19 AM
59	Marching band fields	6/29/2017 10:18 AM
60	cross country	6/29/2017 9:50 AM
61	outdoor circuit training	6/28/2017 4:10 PM
62	Field hockey	6/28/2017 1:25 PM
63	The Football Field at WHS needs a major overhaul and needs Field Turf.	6/28/2017 1:07 PM
64	Quad	6/28/2017 9:08 AM
65	cross country running trail	6/28/2017 8:34 AM

### Q12 Do you or a member of your household participate in any of the following organized sports programs? Select up to four (4) programs.

Answered: 467 Skipped: 64





ANSWER CHOICES	RESPONSES	
Not Involved	17.13%	80
School Baseball	8.14%	38
School Softball	6.85%	32
School Football	11.13%	52
School Soccer	22.91%	107
School Lacrosse	18.20%	85

School Field Hockey	0.43%	2
School Basketball	14.13%	66
School Tennis	4.28%	20
School Volleyball	7.28%	34
Town Baseball (Youth)	16.70%	78
Town Softball (Youth)	10.06%	47
Town Football (Youth / Pee Wee)	14.35%	67
Town Soccer (Youth)	26.34%	123
Town Lacrosse (Youth)	21.20%	99
Town Field Hockey (Youth)	0.64%	3
Town Baseball (Adult)	0.43%	2
Town Softball (Adult)	5.14%	24
Town Soccer (Adult)	2.78%	13
Town Lacrosse (Adult)	4.28%	20
Town Field Hockey (Adult)	0.00%	0
Recreational Basketball	22.48%	105
Recreational Tennis	8.99%	42
Recreational Volleyball	3.64%	17
Adult / Flag Football	0.64%	3
Ice Hockey	4.28%	20
Street Hockey	0.86%	4
Cricket	0.00%	0
Rugby	0.64%	3
Ultimate Frisbee	0.43%	2
Traditional Golf	7.92%	37
Disc Golf	1.71%	8
Pickle-ball	1.50%	7
Total Respondents: 467		

#	OTHER (PLEASE SPECIFY)	DATE
1	Cross Country	9/25/2017 5:58 PM
2	Swimming	9/25/2017 2:13 PM
3	Cross country running	9/25/2017 2:13 PM
4	Cross Country and Track	9/25/2017 12:54 PM
5	swimming, running, mountain biking	9/25/2017 11:52 AM
6	School cross country	9/25/2017 11:15 AM

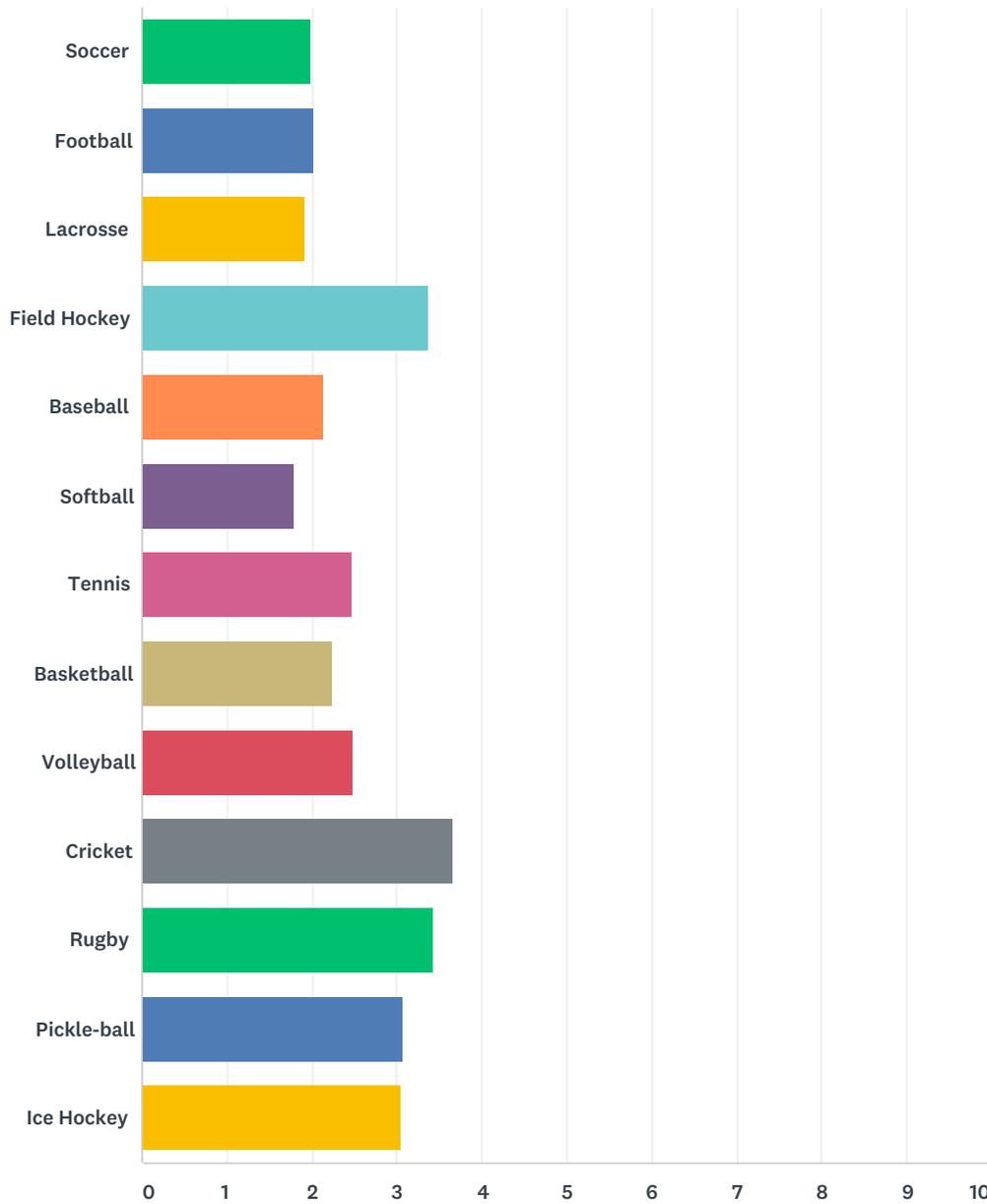
7	Track,field events	9/25/2017 10:46 AM
8	School Cross Country	9/25/2017 10:30 AM
9	YMCA basketball	9/21/2017 9:07 AM
10	Cheerleading	9/21/2017 9:07 AM
11	Gymnastics / Dance	9/20/2017 8:49 AM
12	Town Wrestling	9/19/2017 10:20 PM
13	school track	9/19/2017 3:20 PM
14	Bike, YMCA swim, run	9/11/2017 9:01 PM
15	Marching band	9/6/2017 8:30 PM
16	Well I'd like to do these things but I missed sign ups I think	9/1/2017 3:27 PM
17	Well I'd like to do these things but I missed sign ups I think	9/1/2017 3:27 PM
18	Table tennis	8/31/2017 10:49 PM
19	Town t ball	8/31/2017 10:02 PM
20	Track/cross country	8/25/2017 10:58 AM
21	Cross country and track	8/25/2017 10:45 AM
22	School Golf	8/23/2017 9:29 PM
23	Track	8/23/2017 4:50 PM
24	school XC/Track	8/22/2017 12:00 PM
25	Unified soccer	8/22/2017 6:02 AM
26	skateboarding	8/21/2017 9:38 PM
27	Scooter freestyle/skating	8/21/2017 1:58 PM
28	Skateboard	8/20/2017 8:09 PM
29	Skateboarding	8/20/2017 6:04 PM
30	Skatepark	8/20/2017 5:21 PM
31	Skateboarding	8/20/2017 3:16 PM
32	skateboard competitions	8/20/2017 2:47 PM
33	School Track and Field	8/20/2017 1:36 PM
34	Skateboarding	8/20/2017 11:50 AM
35	Skatepark	8/20/2017 11:18 AM
36	Skateboarding	8/20/2017 11:10 AM
37	Skateboarding	8/20/2017 10:26 AM
38	Skateboarding	8/20/2017 10:14 AM
39	Skateboarding	8/20/2017 10:11 AM
40	Track	8/17/2017 2:48 PM
41	Coached little league baseball 1985-2001	7/28/2017 4:15 PM
42	Swim team	7/18/2017 4:08 PM
43	Marching Band	7/11/2017 1:00 AM
44	skateboard	7/7/2017 6:36 PM
45	None	7/7/2017 8:45 AM
46	WHS Marching Band	7/5/2017 6:15 PM
47	YMCA Swimming	7/3/2017 3:26 PM

48	Not yet children too young	7/3/2017 3:20 PM
49	Marching Band	7/1/2017 4:06 PM
50	School Cross Country	7/1/2017 11:21 AM
51	Not currently, however spent years in baseball soccer and basketball	7/1/2017 12:48 AM
52	High school marching band	6/30/2017 11:04 PM
53	Marching band / colorguard	6/30/2017 10:56 PM
54	Marching band	6/30/2017 11:41 AM
55	Marching band	6/30/2017 6:53 AM
56	Marching Band	6/29/2017 9:08 PM
57	Marching Band	6/29/2017 9:06 PM
58	high school band/dance line	6/29/2017 6:33 PM
59	Marching Band	6/29/2017 6:07 PM
60	marching band	6/29/2017 3:24 PM
61	Marching Band	6/29/2017 1:44 PM
62	Colorguard	6/29/2017 1:19 PM
63	school track	6/29/2017 1:16 PM
64	Marching band	6/29/2017 12:35 PM
65	Pee wee cheering	6/29/2017 11:22 AM
66	Marching Band	6/29/2017 11:08 AM
67	Marching band	6/29/2017 11:01 AM
68	Marching Band	6/29/2017 10:53 AM
69	MARCHING BAND, WESTERLY HS	6/29/2017 10:48 AM
70	WHS marching band	6/29/2017 10:42 AM
71	Marching band	6/29/2017 10:42 AM
72	Westerly Hugh School Marching Band	6/29/2017 10:38 AM
73	Marching band	6/29/2017 10:36 AM
74	School Swimming	6/29/2017 10:35 AM
75	Marching band	6/29/2017 10:33 AM
76	School dance line team	6/29/2017 10:30 AM
77	Marching band	6/29/2017 10:29 AM
78	School Marching Band	6/29/2017 10:23 AM
79	Marching Band	6/29/2017 10:23 AM
80	Marching Band	6/29/2017 10:23 AM
81	School Dance Line, Town Dance	6/29/2017 10:22 AM
82	Marching Band	6/29/2017 10:20 AM
83	Marching band	6/29/2017 10:20 AM
84	School Marching Band	6/29/2017 10:19 AM
85	High School Marching Band	6/29/2017 10:18 AM
86	Marching Band.	6/29/2017 10:17 AM
87	Cross country, track	6/29/2017 9:50 AM
88	Marching band	6/29/2017 4:21 AM

89	Track: school and recreational	6/28/2017 7:48 PM
90	Four family members all play Lacrosse	6/28/2017 2:08 PM
91	School Cross Country/Track	6/28/2017 12:03 PM
92	Track and cross country	6/28/2017 9:09 AM
93	Track and Cross Country	6/28/2017 8:34 AM

**Q13 Please rank your household's use of up to four (4) active recreation activities that you or a member of your household participate in. Rank from most use to least use.**

Answered: 429 Skipped: 102



	1 (MOST)	2	3	4 (LEAST)	TOTAL	WEIGHTED AVERAGE
Soccer	47.39% 100	22.75% 48	13.74% 29	16.11% 34	211	1.99
Football	48.92% 68	19.42% 27	12.23% 17	19.42% 27	139	2.02
Lacrosse	47.02% 71	27.15% 41	11.92% 18	13.91% 21	151	1.93

Field Hockey	10.53% 2	5.26% 1	21.05% 4	63.16% 12	19	3.37
Baseball	30.39% 31	39.22% 40	16.67% 17	13.73% 14	102	2.14
Softball	47.50% 38	31.25% 25	15.00% 12	6.25% 5	80	1.80
Tennis	23.46% 19	27.16% 22	28.40% 23	20.99% 17	81	2.47
Basketball	28.05% 46	29.88% 49	33.54% 55	8.54% 14	164	2.23
Volleyball	19.30% 11	33.33% 19	26.32% 15	21.05% 12	57	2.49
Cricket	0.00% 0	11.11% 1	11.11% 1	77.78% 7	9	3.67
Rugby	0.00% 0	0.00% 0	57.14% 4	42.86% 3	7	3.43
Pickle-ball	6.67% 1	26.67% 4	20.00% 3	46.67% 7	15	3.07
Ice Hockey	3.13% 1	28.13% 9	28.13% 9	40.63% 13	32	3.06

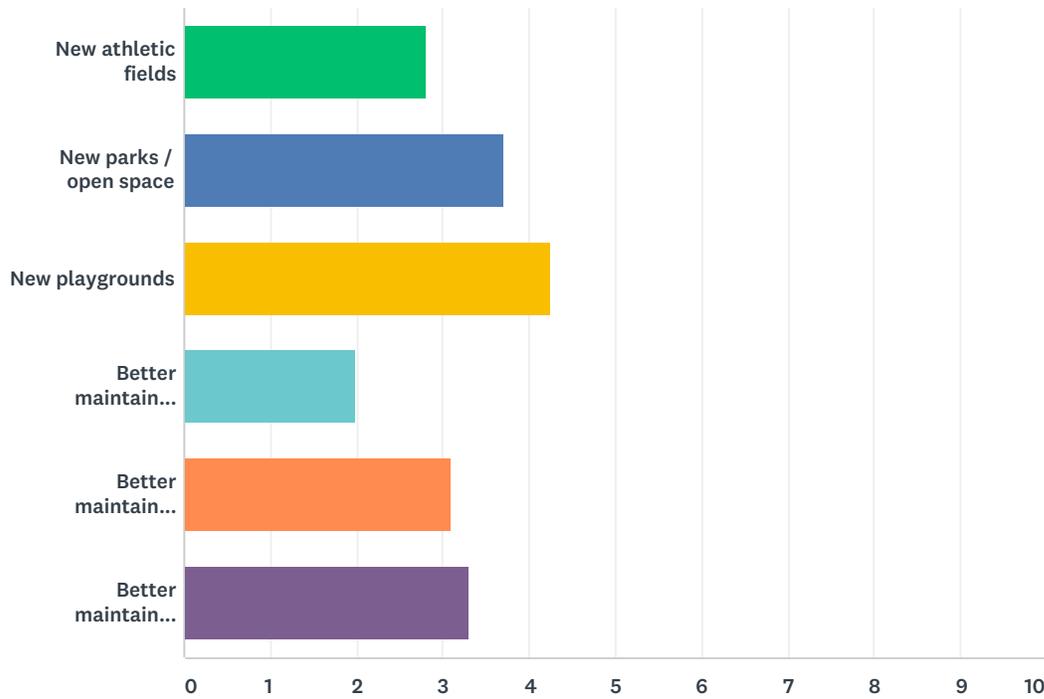
#	OTHER (PLEASE SPECIFY)	DATE
1	Swimming, Hiking	9/25/2017 2:13 PM
2	Cross counters, mt biking and hiking	9/25/2017 2:13 PM
3	Track and Trails	9/25/2017 12:54 PM
4	Hiking and mountain biking	9/25/2017 10:14 AM
5	Cheerleading	9/21/2017 9:07 AM
6	White Rock Skateboarding Facility	9/20/2017 3:29 PM
7	Gymnastics / Dance	9/20/2017 8:49 AM
8	skate board park	9/19/2017 10:20 PM
9	White rock skatepark	9/19/2017 11:53 AM
10	Skate park 9	9/19/2017 11:45 AM
11	Bike, swim, run	9/11/2017 9:01 PM
12	Swings	9/6/2017 9:12 PM
13	Marching band	9/6/2017 8:30 PM
14	Town Beach	9/6/2017 6:42 PM
15	skate park	9/2/2017 9:34 AM
16	Skatepark	9/1/2017 3:10 PM
17	Skatepark	8/31/2017 7:46 PM
18	Skateboarding, walking through parks	8/31/2017 7:18 PM
19	Skateboarding	8/28/2017 4:09 PM
20	Track	8/25/2017 10:45 AM
21	Running(1) Biking(2) Kayaking(3)	8/24/2017 12:11 PM
22	Rarely use these facilities or activities	8/23/2017 9:29 PM
23	Track	8/23/2017 4:50 PM

24	Track	8/23/2017 1:14 PM
25	Unified soccer	8/22/2017 6:02 AM
26	white rock skate park	8/21/2017 9:38 PM
27	Skateboarding	8/21/2017 2:46 PM
28	Scooter freestyle/skating 1	8/21/2017 1:58 PM
29	Skatepark	8/20/2017 8:59 PM
30	Skateboarding 1	8/20/2017 8:09 PM
31	Skateboarding	8/20/2017 6:04 PM
32	Skatepark	8/20/2017 5:21 PM
33	Skateboarding	8/20/2017 3:16 PM
34	Skateboarding	8/20/2017 2:42 PM
35	Skateboarding	8/20/2017 2:09 PM
36	Golf	8/20/2017 1:40 PM
37	Skate park	8/20/2017 1:39 PM
38	Skateboarding	8/20/2017 1:36 PM
39	School track and field	8/20/2017 1:36 PM
40	Skateboarding	8/20/2017 11:52 AM
41	Skateboarding	8/20/2017 11:50 AM
42	My sons use the skate park everyday	8/20/2017 11:36 AM
43	Skatepark	8/20/2017 11:18 AM
44	Skateboarding	8/20/2017 11:10 AM
45	Skateboarding	8/20/2017 10:50 AM
46	Skateboarding	8/20/2017 10:26 AM
47	Skatepark	8/20/2017 10:14 AM
48	Skateboarding #1	8/20/2017 10:11 AM
49	Playgrounds	8/20/2017 8:48 AM
50	Flag Football	8/18/2017 11:30 AM
51	Walking, Bicycling	8/17/2017 1:47 PM
52	Running	8/11/2017 8:13 PM
53	Disc golf	8/5/2017 5:10 PM
54	None	7/27/2017 4:25 PM
55	NA	7/26/2017 9:48 AM
56	hiking, walking	7/19/2017 3:29 PM
57	Swimming- most	7/18/2017 4:08 PM
58	Marching Band	7/11/2017 1:00 AM
59	skateboard	7/7/2017 6:36 PM
60	None	7/7/2017 8:45 AM
61	Hiking	7/5/2017 10:06 PM
62	track	7/5/2017 9:46 PM
63	None waste of taxpayer money	7/5/2017 7:47 PM
64	WHS Marching Band - 1	7/5/2017 6:15 PM

65	1 Swim, 2 track 3 playground 4 football	7/3/2017 3:26 PM
66	marching band, hiking, biking, paddle sports	7/2/2017 11:56 AM
67	marching band	7/1/2017 4:06 PM
68	Track, running walking etc, throwing circles..swim is not met unless you pay to go to y	7/1/2017 12:48 AM
69	Marching band	6/30/2017 11:04 PM
70	1 Most used = colorguard w/ marching band	6/30/2017 10:56 PM
71	Marching band	6/30/2017 11:41 AM
72	Marching band	6/30/2017 6:53 AM
73	Marching Band	6/29/2017 9:08 PM
74	Marching Band	6/29/2017 9:06 PM
75	Walking Trails	6/29/2017 9:03 PM
76	#1 fields for WHS Marching Band	6/29/2017 6:07 PM
77	marching band	6/29/2017 3:24 PM
78	Marching Band, 2	6/29/2017 1:44 PM
79	track	6/29/2017 1:16 PM
80	Marching band 2	6/29/2017 12:35 PM
81	Marching Band	6/29/2017 11:08 AM
82	Marching band	6/29/2017 11:01 AM
83	Marching Band	6/29/2017 10:53 AM
84	MARCHING BAND, WESTERLY HS	6/29/2017 10:48 AM
85	Marching band	6/29/2017 10:42 AM
86	Westerly ahigh School Marching Band	6/29/2017 10:38 AM
87	Marching band- 1 EXTREMELY IMPORTANT	6/29/2017 10:36 AM
88	Marching band	6/29/2017 10:33 AM
89	Marching band	6/29/2017 10:29 AM
90	Marching band 2 and swimming 1	6/29/2017 10:27 AM
91	Marching Band 1	6/29/2017 10:23 AM
92	Marching Band	6/29/2017 10:23 AM
93	Dance Line (3)	6/29/2017 10:22 AM
94	Marching band	6/29/2017 10:20 AM
95	Marching band	6/29/2017 10:20 AM
96	Marching band	6/29/2017 10:18 AM
97	Cross Country , Track	6/29/2017 9:50 AM
98	Marching band	6/29/2017 4:21 AM
99	Track	6/28/2017 7:48 PM
100	Cross Country/Track	6/28/2017 12:03 PM
101	Golf	6/28/2017 9:38 AM
102	Track and Cross country	6/28/2017 8:34 AM

### Q14 Please rank each Town recreation objective below in order of importance. Rank from most important to least important.

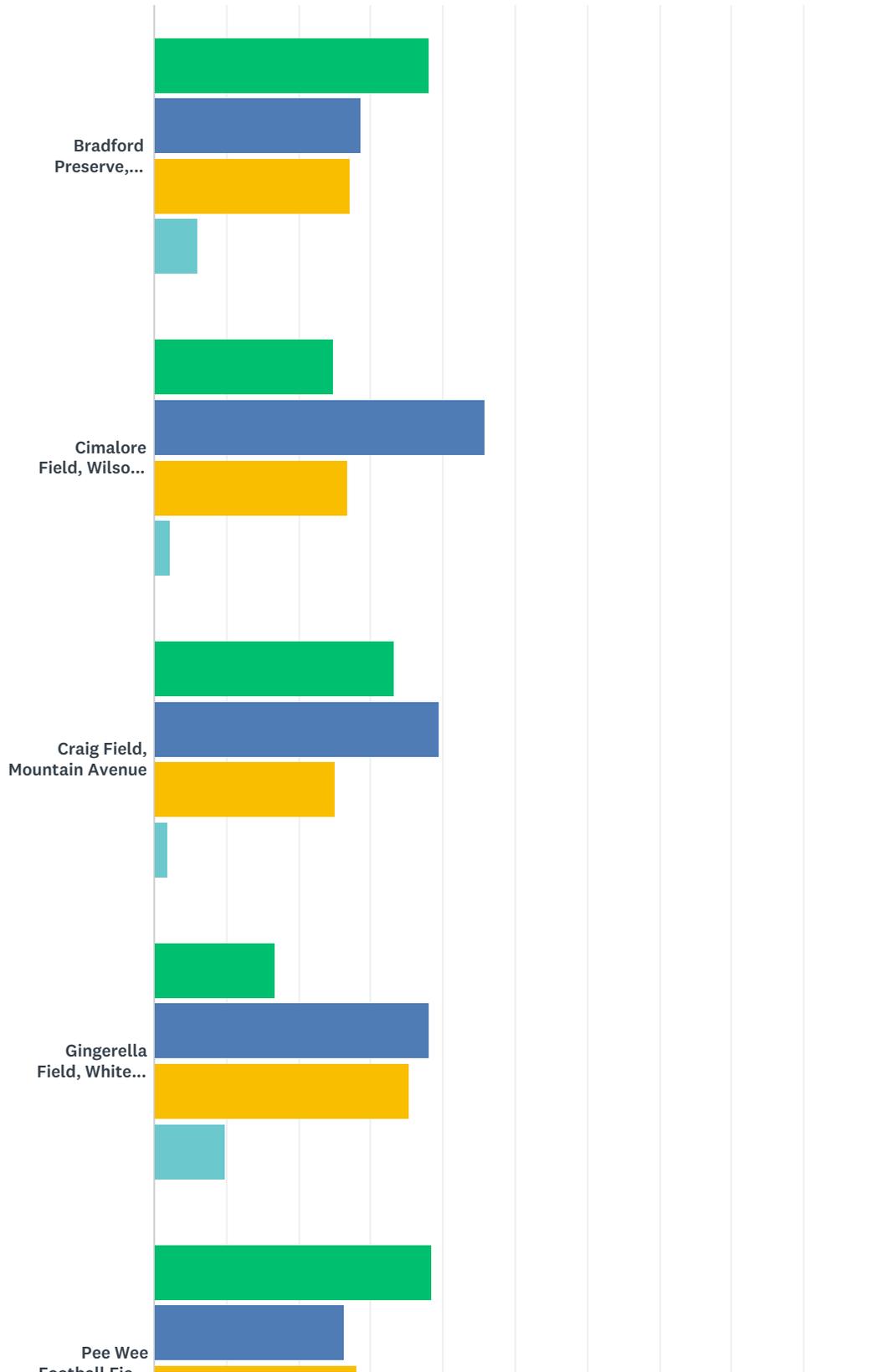
Answered: 515 Skipped: 16



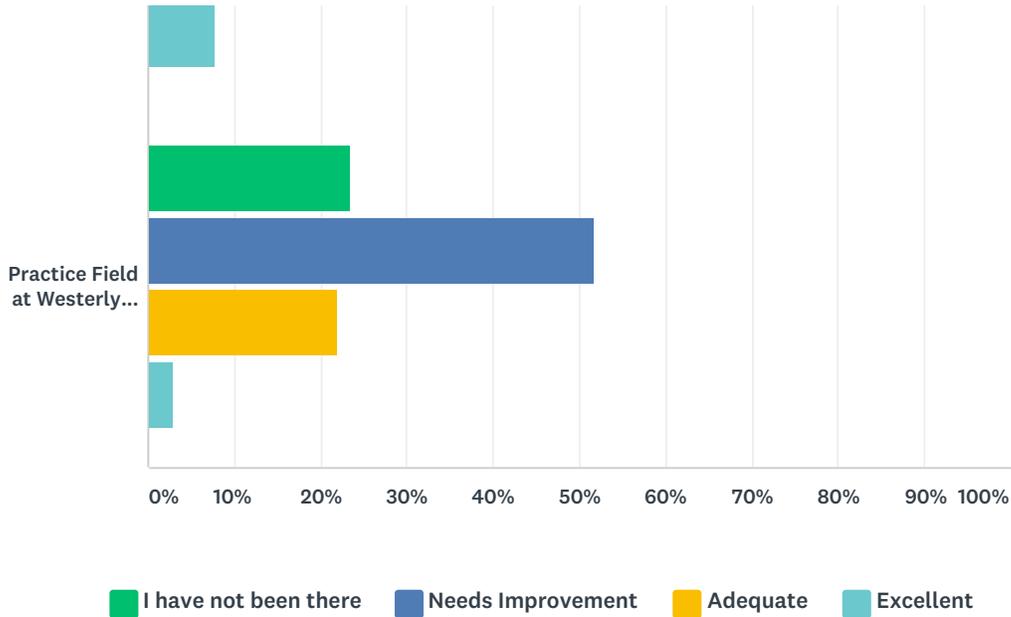
	1 (MOST)	2	3	4	5	6 (LEAST)	TOTAL	WEIGHTED AVERAGE
New athletic fields	43.07% 171	14.11% 56	5.04% 20	12.34% 49	7.30% 29	18.14% 72	397	2.81
New parks / open space	12.19% 39	12.81% 41	18.13% 58	20.00% 64	22.81% 73	14.06% 45	320	3.71
New playgrounds	5.36% 17	10.09% 32	12.93% 41	22.71% 72	23.34% 74	25.55% 81	317	4.25
Better maintain existing athletic fields	44.94% 182	30.62% 124	12.84% 52	5.68% 23	3.70% 15	2.22% 9	405	1.99
Better maintain existing parks / open space	9.38% 35	26.81% 100	28.69% 107	19.84% 74	10.19% 38	5.09% 19	373	3.10
Better maintain existing playgrounds	12.40% 47	16.36% 62	30.61% 116	17.41% 66	14.51% 55	8.71% 33	379	3.31

### Q15 Please rank each Town recreation facility below in order of your perception of facility conditions.

Answered: 521 Skipped: 10



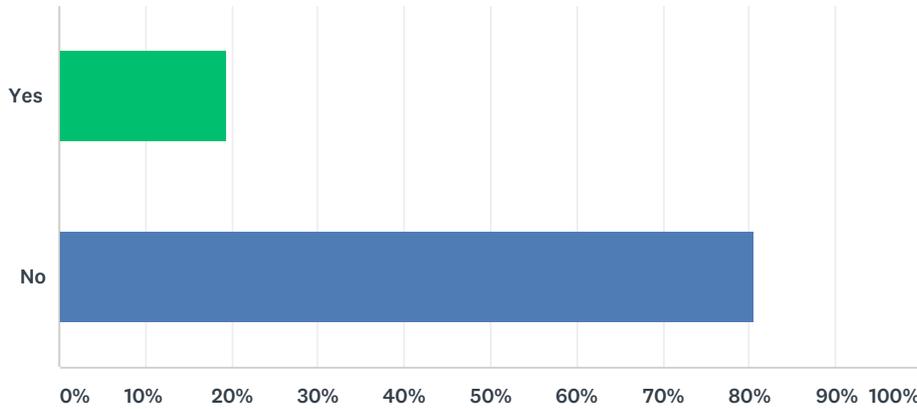




	I HAVE NOT BEEN THERE	NEEDS IMPROVEMENT	ADEQUATE	EXCELLENT	TOTAL
Bradford Preserve, Bradford Road	38.01% 195	28.65% 147	27.29% 140	6.04% 31	513
Cimalore Field, Wilson Street	25.00% 128	45.90% 235	26.76% 137	2.34% 12	512
Craig Field, Mountain Avenue	33.33% 168	39.48% 199	25.20% 127	1.98% 10	504
Gingerella Field, White Rock Road	16.80% 86	38.09% 195	35.35% 181	9.77% 50	512
Pee Wee Football Field, Old Hopkinton Road	38.42% 194	26.34% 133	28.12% 142	7.13% 36	505
Rotary Park, Airport Road	11.09% 56	18.22% 92	48.51% 245	22.18% 112	505
Soccer Field at Westerly Middle School	33.00% 167	38.93% 197	24.70% 125	3.36% 17	506
Baseball Field at Westerly Middle School	40.71% 206	26.28% 133	28.46% 144	4.55% 23	506
Augeri Track and Field at Westerly High School	12.03% 61	47.73% 242	26.43% 134	13.81% 70	507
Quad Field at Westerly High School	18.49% 93	47.51% 239	26.24% 132	7.75% 39	503
Practice Field at Westerly High School	23.46% 118	51.69% 260	21.87% 110	2.98% 15	503

### Q16 Do you feel that the Town of Westerly is currently investing enough resources into athletic fields and recreation facilities?

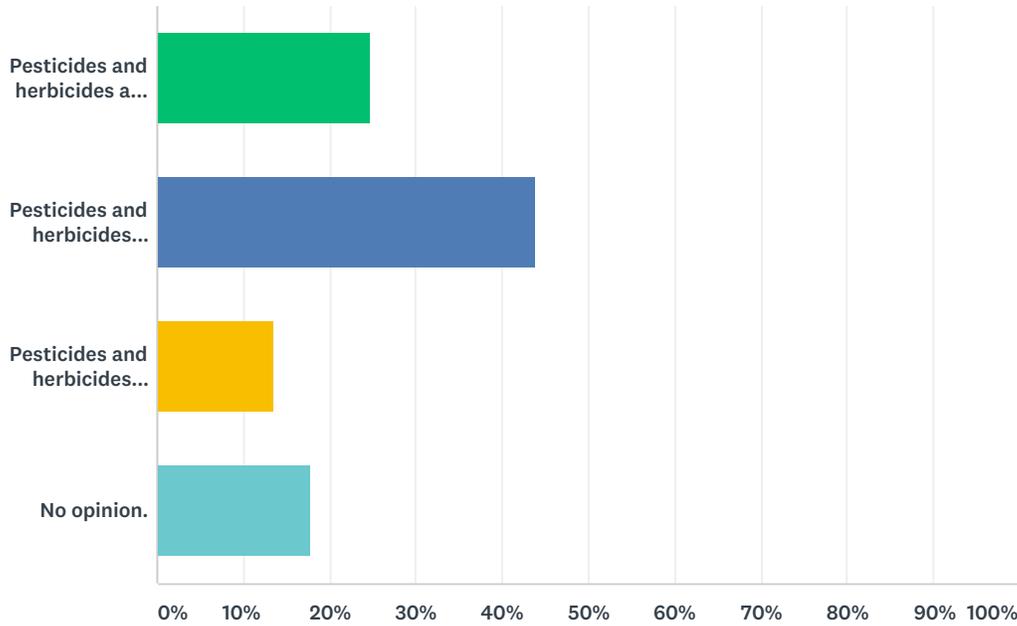
Answered: 518 Skipped: 13



ANSWER CHOICES	RESPONSES	
Yes	19.50%	101
No	80.50%	417
TOTAL		518

### Q17 Are you concerned about the use of pesticides and herbicides for the maintenance of turf grass on park fields?

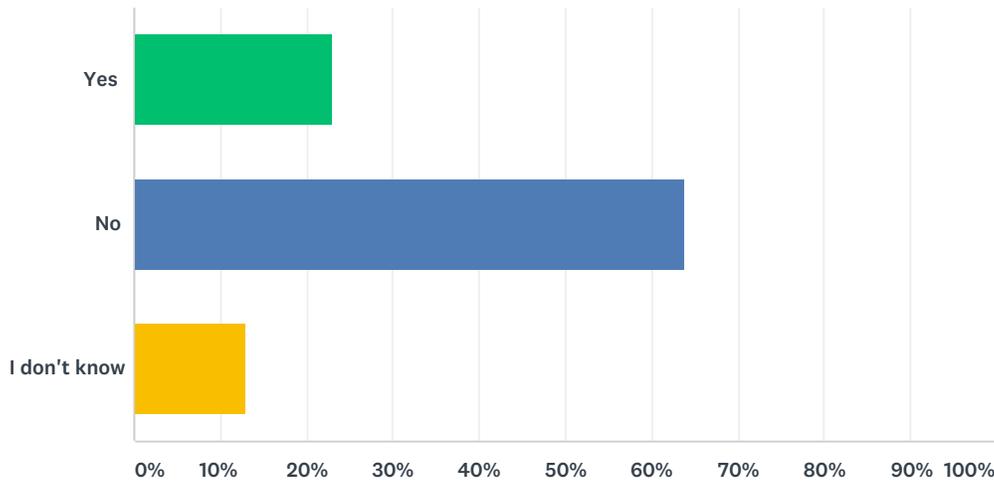
Answered: 522 Skipped: 9



ANSWER CHOICES	RESPONSES	
Pesticides and herbicides are necessary to maintain fields for playable conditions.	24.71%	129
Pesticides and herbicides should only be used responsibly to treat an existing issue.	43.87%	229
Pesticides and herbicides should not be used on public fields.	13.60%	71
No opinion.	17.82%	93
<b>TOTAL</b>		<b>522</b>

### Q18 Synthetic turf fields are sometimes proposed as a way to increase field availability and to avoid the construction of additional fields to meet the demand of athletic programs. Do you object to the use of synthetic turf?

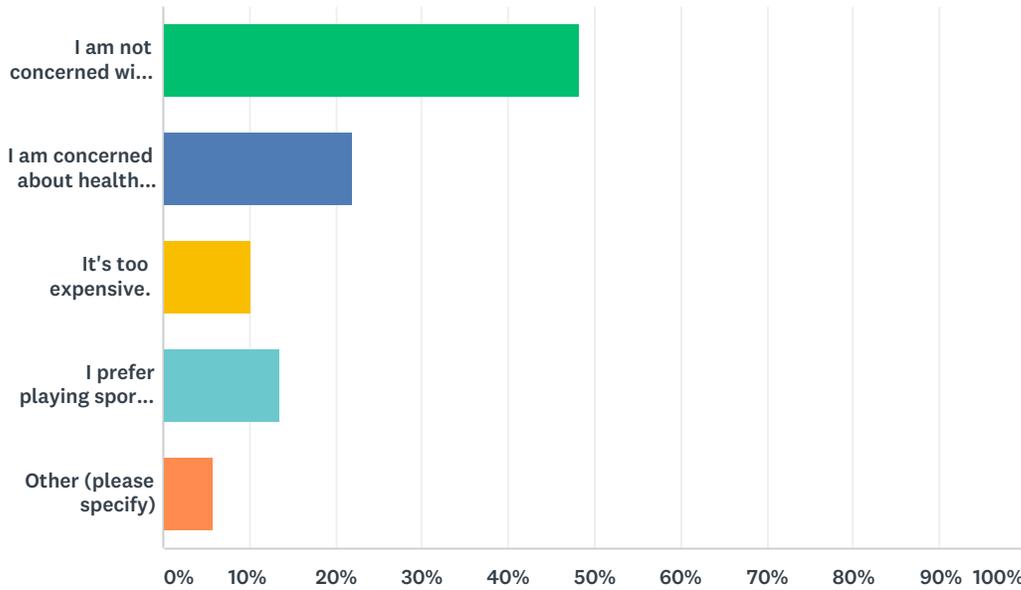
Answered: 528 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	23.11%	122
No	63.83%	337
I don't know	13.07%	69
TOTAL		528

### Q19 With the use of synthetic turf, what are your primary concerns?

Answered: 520 Skipped: 11



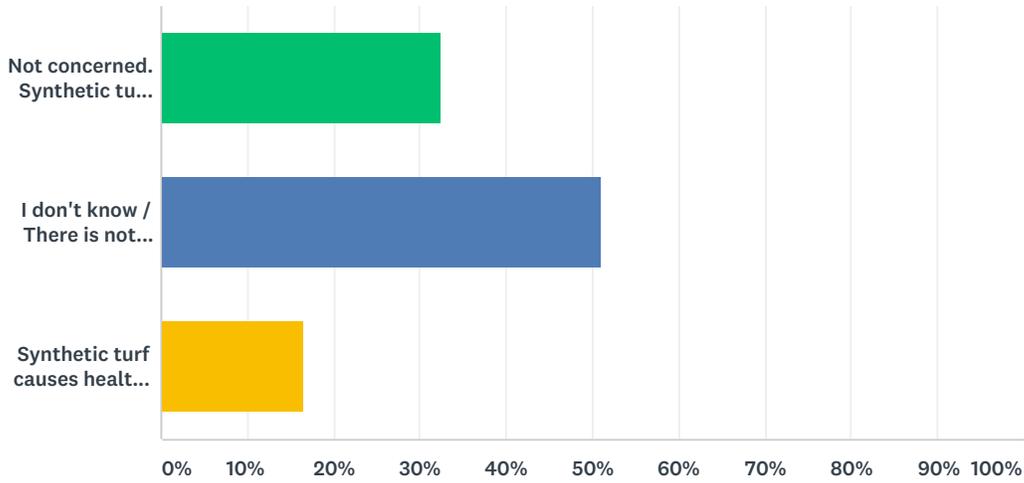
ANSWER CHOICES	RESPONSES	
I am not concerned with the use of synthetic turf.	48.27%	251
I am concerned about health and environmental risks.	21.92%	114
It's too expensive.	10.19%	53
I prefer playing sports on natural grass.	13.65%	71
Other (please specify)	5.96%	31
<b>TOTAL</b>		<b>520</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Injuries	9/25/2017 2:13 PM
2	Concerned that this town of clowns doesn't maintain anything	9/25/2017 1:44 PM
3	The exposure to chemicals and the possible links to cancer	9/25/2017 1:30 PM
4	None	9/25/2017 10:30 AM
5	Proper upkeep	9/22/2017 10:07 PM
6	The last three answers (env. risky, too expensive, and prefer playing on natural grass)	9/22/2017 9:47 AM
7	What's wrong with grass?	9/19/2017 8:28 PM
8	No need for fake grass.	9/15/2017 9:12 PM
9	We have a tack record of poor management once it is installed. If we put appropriate \$\$ aside for upkeep it would work	9/11/2017 9:01 PM
10	I don't know	8/28/2017 4:09 PM
11	Not educated enough regarding turf	8/25/2017 8:03 PM
12	I would prefer to see Westerly invest in turf fields. Many surrounding towns already have. Their athletes are benefiting from a consistent playing surface.	8/22/2017 10:50 AM

13	I prefer to use natural ways to cut the over grown plants at white rock skate park	8/21/2017 1:58 PM
14	The Town does not maintain current properties how can we be assured they will care for turf?	8/21/2017 7:53 AM
15	Waste of money	8/20/2017 5:21 PM
16	Town won't maintain properly	8/20/2017 11:54 AM
17	Both health and \$	8/20/2017 8:48 AM
18	Health concerns, environmental risks, cost, natural grass/turf is best	7/24/2017 1:40 PM
19	Cost and proven cancer risks	7/5/2017 7:47 PM
20	Athlete injuries to muscles and ligaments and concussion rates are higher on turf then grads	7/1/2017 8:45 AM
21	Need more details	6/30/2017 10:56 PM
22	I would need to research	6/30/2017 11:41 AM
23	K	6/30/2017 6:53 AM
24	High heat index on field compared to grass	6/29/2017 11:01 AM
25	Marching band	6/29/2017 10:42 AM
26	I'm concerned about both health risks and expense risks	6/29/2017 10:38 AM
27	Sports shouldn't take precedence over academics.	6/29/2017 7:54 AM
28	That it will be a school facility and not a multi use town facility	6/28/2017 9:00 PM
29	I am concerned about the cost, the maintenance, the injuries, AND the heath/environmental risks.	6/28/2017 4:10 PM
30	Slight concern about supposed increased risk of lower limb injury	6/28/2017 12:03 PM
31	Instead of spending money on synthetic turf on the quad, and the synthetic turf on the football field done last summer, the towns should've avoided spending that money all together by just doing the football field in turf. The quad wouldn't have had to been done if we just had a football field with turf where every sport could practice on. The lacrosse teams had to practice at the MIDDLE SCHOOL. A high school sport had to practice at the middle school because right as lacrosse season was approaching the quad was ruled "unfit to play on". An issue caused by the football team, and they just finished putting in the synthetic turf, perfect time for the football team to ruin it again. It is going to become an ongoing cycle of it getting ruined by fall sports, spring sport sport not being able to use it, Spring sports not having a place to practice, and having to redo the field AGAIN. All of this could simply be resolved by TURF.	6/28/2017 9:08 AM

## Q20 Claims have been made that synthetic turf fields cause health problems. What is your opinion of these claims?

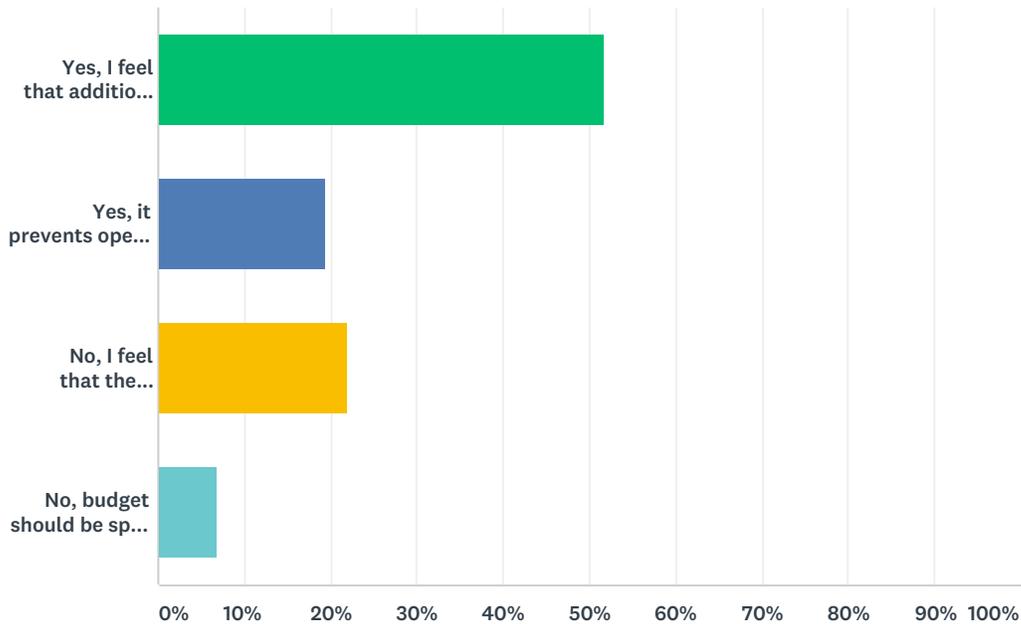
Answered: 523 Skipped: 8



ANSWER CHOICES	RESPONSES	
Not concerned. Synthetic turf is not dangerous.	32.50%	170
I don't know / There is not enough research available.	51.05%	267
Synthetic turf causes health problems and should not be used.	16.44%	86
<b>TOTAL</b>		<b>523</b>

## Q21 Do you feel that the acquisition of open space properties for the construction of additional athletic fields and recreational facilities is a good use of taxpayer dollars?

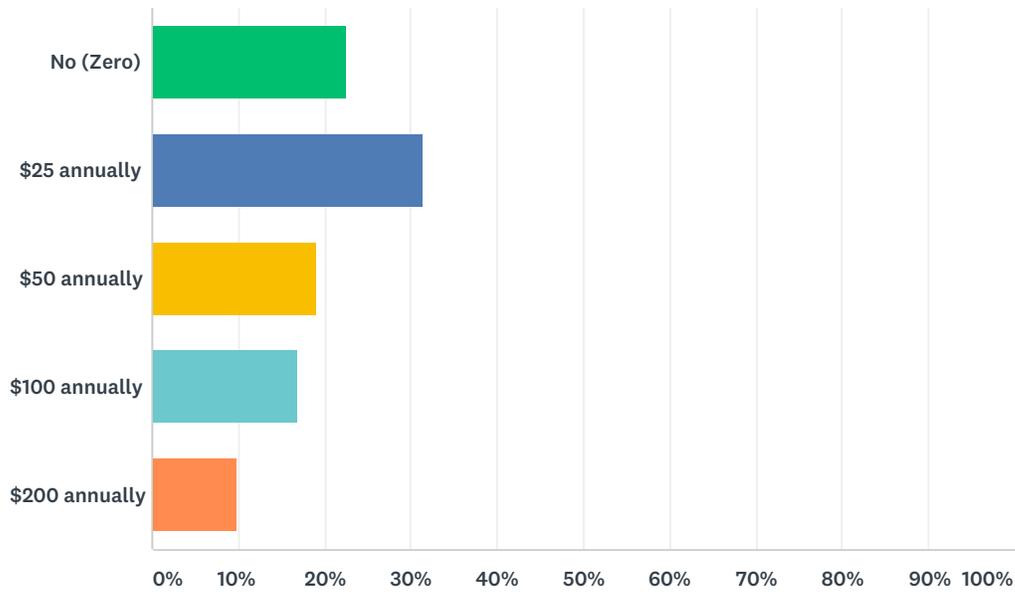
Answered: 519 Skipped: 12



ANSWER CHOICES	RESPONSES	
Yes, I feel that additional athletic fields are necessary.	51.64%	268
Yes, it prevents open space from being developed.	19.46%	101
No, I feel that the current amount of athletic fields in town is adequate.	21.97%	114
No, budget should be spent elsewhere.	6.94%	36
<b>TOTAL</b>		<b>519</b>

## Q22 Are you willing to pay additional taxes for additional outdoor athletic fields and recreation facilities in town? If so, how much?

Answered: 507 Skipped: 24



ANSWER CHOICES	RESPONSES	
No (Zero)	22.68%	115
\$25 annually	31.36%	159
\$50 annually	19.13%	97
\$100 annually	16.96%	86
\$200 annually	9.86%	50
<b>TOTAL</b>		<b>507</b>

**Q23 Do you have additional comments, questions, or concerns associated with the Town of Westerly parks and recreation facilities? If so, please feel free to explain in the text box provided below. (250 words or less)**

Answered: 168 Skipped: 363

#	RESPONSES	DATE
1	It is a proven fact that synthetic turf has less of a injury risk. Then the field we have now.	9/25/2017 6:50 PM
2	Develop the fields at Tower Street as soccer fields. High schoolers can even walk over there from the high school for practice. Stop having parents have to commute their kids to White Rock.	9/25/2017 6:25 PM
3	As a collegiate coach with 25 years of experience and a national recruiter I strongly recommend field turf at the high school. It will pay for itself in maintenance but more importantly in the safety of all our student athletes. We are not fulfilling our potential as a school and community. Thank you!	9/25/2017 6:16 PM
4	I feel one thing that Westerly is missing is a bike trail. There are no paved bike trails in our area.	9/25/2017 4:25 PM
5	I feel as though there are enough fields available. With 2 exceptions: A swimming pool would be nice or a spray park at White Rock.	9/25/2017 2:13 PM
6	The open space areas should you be available to everyone. The town should share the same fields for different sports when they are different seasons. A better job can be done in turf management and invasive plant species control.	9/25/2017 2:13 PM
7	Sadly more funds will not ameliorate this problem there are funds available for example to install a well and sprinkler system in Bradford at no cost to taxpayers but other idiotic taxpayers are not allowing it. Politics is killing opportunities for our children. Conditions are embarassing	9/25/2017 1:44 PM
8	As an active mountain biking family we are happy to see the development of more riding trails in the Woody Hill management area. Such trails are also beneficial for the active trail running community and offer an alternative to traditional sports.	9/25/2017 11:52 AM
9	Consideration for lacrosse to use Gingerella field should be thought of. Soccer is a fall sport, lacrosse is a spring sport. Use of the gingerella complex would further enhance the lacrosse league.	9/25/2017 11:46 AM
10	We should ensure we are maintaining existing facilities to acceptable standards before expanding. If we cannot demonstrate an ability to maintain what we have, then we certainly cannot maintain more.	9/25/2017 11:31 AM
11	Strongly support the need for a turf field at the HS and improvements to Bradford Preserve to make it a legitimate athletic complex (graded fields, some sort of shelter for safety, watering the grass, etc.)	9/25/2017 11:15 AM
12	To many sports played on augeri field,either turf or find more playing fields	9/25/2017 10:46 AM
13	Thank you for all your hard work	9/25/2017 10:30 AM
14	Tennis courts Need resurfacing. Embarrassing to town that HS matches cannot be played on each court due to Cracks. Also when resurface is not done on regular basis courts get worn, slippery, sandy and dangerous.	9/25/2017 9:48 AM
15	Commitment to continual proper upkeep is key and avoids the issue of having to invest large dollars all at once.	9/22/2017 10:07 PM
16	I would prefer more parks, hiking trails, bike paths etc. to additional athletic fields.	9/22/2017 9:47 AM
17	The lacrosse field at Bradford Reserve is an embarrassment. The neighbor complaints and vandalism is unfortunate because he crowds formgames are maangable and the environment for the kids is a healthy positive one. Field conditions are poor and sometimes dangerous (holes, rocks, uneven fields). That we allow neighbors to dictate when practices and games can be held is silly - there are no lights and traffic is minimum. Seating is inadequate. However, love that there is an AED on site and that simultaneous games/ practices can be held in the same location.	9/22/2017 8:52 AM

18	Way to much time and effort spent on maintaining football fields instead of up and coming sports...lacrosse. Need to fairly alquot funding for all sports.Also unfair for WHS football team to practice on quad and then deem it unsafe and push other sports to far off sites.	9/21/2017 6:09 PM
19	Cimalore Field needs some serious help! I'm sure you are very aware. The basketball courts to the poor parking lots... fields. Why doesn't Westerly have a nice basketball court?!? We have got to invest in our children who need a place to keep busy and stay out of trouble. Sports is an outlet for children and we need to invest and move with the times!!	9/20/2017 9:16 PM
20	The town of westerly does nothing to promote or maintain hockey. Washington trust/royce pay for the outdoor ice rink (seasonal). Outdoor roller rink would be easy. Norwich runs a municipal hockey rink why cant westerly? Westerly has positive cash flow.	9/20/2017 7:53 PM
21	A turn athletic field is necessary.	9/20/2017 4:57 PM
22	i am torn in this. While I like the activities, it often requires an expensive membership to the YMCA or paid admission to skate etc. not a fan of that	9/20/2017 2:52 PM
23	The more support for the youth in any community, the better.	9/20/2017 9:48 AM
24	I would be willing to pay more in taxes to upgrade our current Parks and Recreation facilities. Use of the Staples building would be nice for an indoor Recreation Area. A youth (8-12) or High School hockey league would be nice.	9/20/2017 9:17 AM
25	I would like indoor recreation facilities (climbing walls, indoor soccer, etc.) for the winter time. I would also like an ice hockey program. Maybe the old Staples building.	9/20/2017 9:17 AM
26	I would like to see an artificial turf field put in at Augeri Field.	9/20/2017 9:10 AM
27	We are going broke. Stop spending and cut taxes	9/20/2017 8:56 AM
28	Turf football field at the high school would be the most cost effective move the town can make and anyone objecting is unintelligent.	9/20/2017 8:35 AM
29	Our town has grown as well as the Athletics we offered to our children. I believe we need to invest accordingly so our kids have the opportunity to play whatever Sports they're interested in safely. A perfect example is the high school field which now hosts 5 or 6 different sports with 3 levels in each sport.	9/20/2017 8:06 AM
30	Spend more time and effort maintaining existing facilities. Open land can be purchased. But should not be immediately developed into something that could be housed at another facility.	9/19/2017 8:28 PM
31	The airport road playground is our favorite but the gates around and between the playgrounds could use some work. It's dangerous for the kids to have the gates uneven and unable to latch.	9/19/2017 4:19 PM
32	i really feel that the fields we have now are great in a nutshell however, they need to be maintained better before spending money on new fields, turf, etc....I am not opposed to the potential down the road for the need but would rather see money spent better maintaining what we already have, like the middle school soccer field is horrible when my daughter played there!	9/19/2017 1:58 PM
33	White rock play ground and skate park need more updates. Way out dated rusted and old . It's used for soccer for 5ge skateboard park and it really needs the updates	9/19/2017 11:45 AM
34	No additional funds should be spent on maintaining recreational areas. Tax payer dollars would be better spent on our deteriorating roads. Our roads are appalling.	9/15/2017 9:12 PM
35	Maintain what we have. Develop a plan and follow through.	9/15/2017 7:38 PM
36	Bathrooms need to be kept up. Fields kept clean and safe. Designated fields i.e., track surface and baseball should be just for that	9/11/2017 9:01 PM
37	There is enough athletic field throughout the town, you don't need anymore, you just need to maintain the ones that already exists!	9/6/2017 9:12 PM
38	Town Beach facilities should be included in survey	9/6/2017 6:42 PM
39	Westerly should have an outdoor pool.	9/1/2017 5:26 PM
40	I would really like better communication and advertising about programs and such happening in the local parks and fields.	9/1/2017 3:27 PM
41	I would really like better communication and advertising about programs and such happening in the local parks and fields.	9/1/2017 3:27 PM

42	I think that there should be a bmx/scooter park because its not fair to us on bmx and scooters	9/1/2017 3:10 PM
43	The white rock skatepark is a great facility, keep up maintenance and new obstacles. It is one of the best in the state and attracts non resident skaters.	8/31/2017 7:46 PM
44	White Rock skateboard park could use some attention. Tall grasses, gravel, cracks etc. Great facility but it seems like the town feels it's an after thought. I bring all four of my kids there at least once a week	8/31/2017 7:18 PM
45	We actually live in Ashaway so our taxes go to Hopkinton. But we spend much more of our time in Westerly.	8/29/2017 9:47 AM
46	Making the back section of white rock skatepark (where the hockey rink was) smooth concrete like the front portion would be a dream come true for every skateboarder in Westerly! A couple new ramps would be great as well. Thanks!	8/28/2017 4:09 PM
47	The WHS should have a baseball field on campus	8/27/2017 9:13 AM
48	I would like to see a splash park for children here in Westerly.	8/25/2017 8:03 PM
49	Would like to see a coordinated plan between athletic programs that have complimentary seasons ie soccer and lacrosse, considering demographic studies indicate that the Town of Westerly will have a dwindling student population and a growing retirement population. Would like to see more coordination between the YMCA, Town Rec. Department and the WPS School. These three groups seem to compete for players and allow students to play on all three teams during one season. Not good. This increases demand for spaces, puts unnecessary pressure on kids to play on three teams, and does nothing to foster the aspect of working as a "team" considering it is impossible to play, and more importantly practice, on three teams during one season. I'd like to see more focus on passive recreation - biking, hiking, walking. Or, outdoor circuit training facilities. Thank you for your efforts!	8/23/2017 9:29 PM
50	Stop wasting money patching up fields that need to be totally done over every year	8/23/2017 6:56 PM
51	I feel that as a student of westerly high school the school does only as much as keep the field in a "okay" condition as a student athlete I believe we need new playing and practice fields to grow in athletics and community. Also the school needs to worry more about other sports such as lacrosse and soccer rather than football. I find it ridiculous that the football team got "brand new" practice jerseys where as the girls lacrosse teams home jerseys look like dirty pillow cases.	8/23/2017 4:50 PM
52	Artificial turf is a good option for fields In Westerly. Especially such as the highschool. It will improve playing conditions greatly	8/23/2017 1:46 PM
53	All fields need to be addressed including playgrounds	8/22/2017 6:05 PM
54	Sports fields for westerly high school are severely under maintained and dangerous. One of these days it's going to end a sports career and the town will have to pay.	8/22/2017 2:27 PM
55	We need to have turf fields at the high school instead of throwing money away on the maintenance of these fields. They have poor drainage and are in poor condition. The track is not big enough for hosting outdoor track events. With turf you would also be able to rent the fields out to nearby schools.	8/22/2017 1:18 PM
56	Wr should invest in our youth. Without adequate facilities they may choose other things to keep themselves occupied. Turf fields would help sports grow. An ice rink would be a great addition.	8/22/2017 10:50 AM
57	As a past high school athlete and a supporter of the high school athletics, I feel as though our fields are an embarrassment to the town, visiting teams and referees are astonished at how poor our feild conditions are. There have been many injuries as a result of the shoddy patch work that is done for the football season then ripped up by the boys playing all season and the winter so by the time lacrosse gets to use the fields they're in really poor condition.	8/22/2017 8:26 AM
58	The white rock skatepark is used a decent amount every day. It is well maintained by the people who use the park in an organic way. The back part of the park is not used much because the concrete is not adequate for skateboarding. That section should be renovated, or a new section with features that are not currently in the park should be built. Having a place to go for teens and others not associated with a particular sport is incredibly important and helpful, in my opinion. I teach in the public schools in Westerly and I can vouch for the positive impact that the skatepark has on the community for those not involved in traditional sports.	8/21/2017 9:38 PM
59	We need to upgrade and maintain our existing fields so that we can get the maximum usage from our current facilities and I would be willing to pay more in taxes for this.	8/21/2017 2:46 PM

60	Please fix westerly's white rock skatepark by cutting overgrown plants down adding more space for obstacles and fix existing obstacles this will keep and help the westerly roller blading/skating/scooter freestyle community alive	8/21/2017 1:58 PM
61	Honestly our fields in westerly are terrible. Everyone in this town has gone to a football or soccer game and the fields in embarrassing. And for me as a westerly high school athlete I hate playing on the feild, it's so muddy and discussing to the point where I feel the need to apologize to the other team for how much it sucks. I know a girl on my team who has even been concussed not because another player pushed her but because she slipped in the mud. Our town is not doing any justice to the potential that all the fields in westerly have, and instead are just sitting watching everyone get injured at the sporting events.	8/21/2017 12:44 PM
62	I feel the town has great facilities however we need to care for them. Bathrooms are always a mess, property fences cant even be seen due to overgrown brush, parking lots loosen fillings, etc... Lets show the taxpayers we can adequately care for what we have before we ask for more.	8/21/2017 7:53 AM
63	Expand and fix white rock skatepark	8/20/2017 10:05 PM
64	I don't think recreation should be limited to team sports. What about using some of the natural resources we have here in Westerly I.E. the ocean, why do we not have public Surfing or Sailing programs ? why do we not have public swimming programs ? our children live on the ocean!	8/20/2017 9:14 PM
65	It would be great to see improvements to the skatepark. Creating a larger area for riders would be beneficial or opening another skate park in town.	8/20/2017 8:23 PM
66	Having a dog park would be great for local pet owners. Improving white rock skate park would be great as well.	8/20/2017 6:04 PM
67	White rock skatepark is one of the most consistently used facilities in the town, and that goes for year round use. The park could use new additions to expand the usage and attract more people to the park. The town has been ignoring it for a long time and it should get a lot more than it gets. Lights would also be a great thing to get people down there, even if they are shut off at 10. You can go down there any time of day, any day of the year and someone will be there skating, the same can not be said for a lot of the other facilities.	8/20/2017 5:21 PM
68	I fear the current conditions and under monitoring of the current playgrounds and rec areas leave far more opportunities for drug use and loitering than if we had well-maintained and monitored, designated areas for specific sports. I love to bring my toddler to White rock for skating, there are many great kids that skate there and they love helping her skate. Unfortunately, a lot of them will not skate there during certain areas as they fear for their safety, unlike the playground on airport rd which is police monitored.	8/20/2017 3:16 PM
69	We need bike paths!!!!	8/20/2017 3:03 PM
70	the skate park could use some minor repairs, there are craks here and there that could be fixed that would make the park more popular, and possibly some new ramps to add to the park, or at the least a set of light for the night time skaters.	8/20/2017 2:47 PM
71	The skateboarding community in westerly is really neglected considering the large size of it. Westerly has a complete ordinance against skateboarding on the streets or sidewalks, and on top of that, the skate park is far away from down town. Putting more money into white rock skatepark would benefit the town and the happiness of its citizens.	8/20/2017 2:42 PM
72	I think that the skatepark section in the back needs attention especially, the ground is awful and very rough. Re paving that back area would make a huge difference .	8/20/2017 1:39 PM
73	Gingerella Sports Complex fields are used during the soccer season everyday AND are excellently maintained. Why isn't the same formula used at Algieri Field and the Quad? If this was done, a synthetic field would not be necessary. I question other people's agenda for allowing Algieri Field and the Quad to be in such terrible shape to justify a synthetic field.	8/20/2017 1:36 PM
74	Both the highschool and middle school playing fields are terrible. The grass of the football/soccer/lacrosse field at the highschool is in horrific condition, and is responsible for a good percentage of injuries in these sports. I think turf on this field specifically would be a great investment, decreasing the amount of future ankle/knee/etc. injuries being the most important factor.	8/20/2017 12:04 PM
75	The town needs to allocate sufficient funds and there is plenty on the budget	8/20/2017 11:54 AM
76	Our skate park keeps kids off the street. Board kids get into trouble. Keep them busy with new/interesting addition to the skate park.	8/20/2017 11:50 AM

77	I think the skate park could be improved upon	8/20/2017 11:18 AM
78	The fields definitely need to be improved and even expanded. It would benefit all the athletes in this town and families looking to have some fun!	8/20/2017 11:10 AM
79	Fix cimadori fields.	8/20/2017 10:52 AM
80	The skatepark should be upgraded as it the only local place to ride safely without being harassed or said to be trespassing. While the park is good, it is dated and has not been upgraded noticeably in years .	8/20/2017 10:50 AM
81	A new turf field at the highschool would be nice	8/20/2017 10:49 AM
82	The white rock skatepark is a heavily used facility. The town should divert more funds towards it. Also it seems we the users take care of weed whacking and maintenance the park needs out of our own pockets and time.	8/20/2017 10:14 AM
83	We have one of the best skateboard parks in the state of Rhode Island and it should be acknowledged as such. Expansion of this facility would be greatly appreciated by many residents and non residents of the great town of westerly.	8/20/2017 10:11 AM
84	Please do not use taxpayer money for synthetic field. Please fundraise or seek private donars for this iniative.	8/20/2017 9:26 AM
85	Wish there were running trails and or bike path	8/20/2017 8:55 AM
86	There are plenty of facilities they just need to be updated with new more efficient bathrooms, signage/numbers on the ball fields at trombino, better lighting to allow for night games etc. The playgrounds are very good in some places and old and worn in others.	8/20/2017 8:48 AM
87	If artificial turf was so horrible health wise then why has the neighboring town of Stonington installed and been using extensively their artificial turf field? Where is the evidence that it causes health problems?	8/19/2017 8:50 PM
88	More advertising and promoting needs to put out for events, and any sports activities in town. Flag football is huge for residents between the ages of 17-30. There should be more of it.	8/18/2017 11:30 AM
89	Town pool!!	8/18/2017 10:05 AM
90	I think the bathrooms of all facilities should be open daily and cimalore dug outs flood and need rocks put down	8/17/2017 2:48 PM
91	Even though I currently don't support purchasing additional land for recreation, i do support more funding for improvements and maintenance of current town and school fields and recreation.	8/17/2017 1:47 PM
92	Fix the roads. You can't drive a mile in Westerly without a front end aliegment. We don't need another athletic anything!!!!	8/17/2017 1:27 PM
93	The high school football field and practice field is deplorable and an injury waiting to happen	8/13/2017 7:37 AM
94	No artificial turf. I just watched Berkshire School in Sheffield MA replace theirs after only 6 years. Enormous expense and poor feel.	8/11/2017 8:13 PM
95	Synthetic turf should be installed on the Westerly High School football field	8/7/2017 6:02 PM
96	More focus and planning needs to be given to addressing recreation space for public use. Biking paths should receive much greater focus. Walking and hiking areas need greater focus. Organized sports should not be the only focus. A well thought out, total recreation plan for the community will make Westerly a more vibrant, attractive, and healthy community.	8/7/2017 10:29 AM
97	Maintain what you currently have first; with a long term maintenance and equipment replacement plan before any more space is purchased. No opposition in the future if what we have gets maintained	8/7/2017 6:23 AM
98	N/A.	7/30/2017 2:28 AM
99	The funds that have already been set aside for improvements of fields have not been used appropriately. There is too much money wasted on hiring firms to do research that results in zero action being taken. No improvements! Where is the money going really??	7/24/2017 1:40 PM

100	I think the athletic fields are fine but the outdoor basketball recreation is extremely underdeveloped! The very few existing courts are not well maintained and not well made. There should also be quite a few more courts built and at least one with glass backboards and stadium lights for rec leagues. If you look at Narragansett and South Kingstown for example, they have a lot more courts, most of them are better than Westerly and there are rec leagues in the summer for all ages. Every time I go to the courts in Westerly I play by myself, no one goes because of poor condition and poor location of the courts. There should be a downtown court. Use Domenic Christofaro park in Narragansett as an example of a good basketball park. Thanks I hope you take this into consideration. P.S. no double rims!!!!!!	7/23/2017 9:29 PM
101	I would gladly be involved with improving the town's programs as many other surrounding towns have better programs for children.	7/23/2017 7:25 PM
102	Who funded the new turf and sprinklers at the quad? Why was that kept so quiet??	7/22/2017 8:20 AM
103	I am concerned about facilities available to the children in the North End, including facilities at Craig Field. These are children that often do not have parents that will drive them to practice or to planned programs and cannot afford camp. Perhaps some kind of day camp and/or recreation offered at Craig Field would be beneficial without huge costs to the parent.	7/19/2017 3:29 PM
104	My concern is Augeri field, too many sports played there, either turf it or build new soccer, lacrosse fields	7/19/2017 11:23 AM
105	The best park in town is Wilcox Park, which is owned by the library. The town should do more through financial and in-kind service contributions to help maintain this jewel in the center of town.	7/13/2017 7:59 PM
106	Although I would not oppose and increase in the number of facilities, the priority should be to maintain and improve the existing parks and recreation facilities.	7/12/2017 4:39 PM
107	The Bradford preserve was an embarrassment for the town this past season. The high school field is similarly embarrassing. It reflects poorly on our town. When we play away games parents are amazed at the better fields other towns have.	7/10/2017 9:29 PM
108	Stop pushing for the turf on the football field. If there is even a slight risk of health concerns, why would you do it? What if in 10 years we find out it is very unhealthy? Then what?	7/7/2017 7:14 PM
109	We need to conduct better maintenance on existing fields using funds already provided. Combined school/town field maintenance is not effective or efficient	7/7/2017 8:45 AM
110	The residents clearly stated that they did not want to spend \$ on fake fields. It is expensive, needs to be replaced/maintained, and it is not safe for our kids. Additionally, please move the pee wee football field out of the quarry. Not safe for our kids to breathe. Consider indoor fields, see Wide World of Indoor Sports, year-round sports	7/6/2017 12:38 AM
111	Westerly does not need yet another unnecessary project. We have enough outdoor activity spaces. The YMCA has plenty of indoor activities. Stop spending taxpayers' money on non-issues!!	7/5/2017 8:39 PM
112	I would be willing to pay more in taxes for the maintenance of existing parks and recreation facilities.	7/5/2017 7:38 PM
113	Bradford preserve fields NEED to be improved!	7/5/2017 10:15 AM
114	The development of this plan is critical. The maintenance staff need to be increased to even maintain the existing facilities.	7/4/2017 10:34 AM
115	Appears to be more of a maintenance and management issue.	7/3/2017 3:26 PM
116	HS field is in poor shape, players are getting injured from holes and lack of grass in field. It is not playable during spring season. Synthetic field would increase play time and offer opportunity to lease or rent field during times when HS sports are not using. Stonington, Waterford, New London, Norwich all have HS synthetic fields available for youth sports. Why not Westerly?	7/2/2017 11:56 AM
117	Synthetic fields are the answer. Let's move forward with 2-3 fields	7/1/2017 9:03 PM

118	I think that there are currently an adequate number of athletic fields in Westerly. Unfortunately, the fields are not maintained consistently. Some are kept in excellent condition by their respective organizations (Trombino Baseball Complex), other are not (Cimilore softball fields and playground). More and consistent maintenance would be the most effective use of the money to improve the existing facilities. For example, two of the fields at Cimilore are oriented into the rising or setting sun making games difficult to play and sometime dangerous for the girls since they cannot see the ball in the sun. Further pesticide spray for mosquitos would be highly beneficial at Cimilore since it borders a wetland and the conditions make the games extremely difficult for parents and fans to enjoy due to the mosquitos. Finally, I would love to see the town look into a field hockey program. My daughter loves the sport, but we have to play in Stonington and there is no program for her to go to in town once she reaches high school.	7/1/2017 10:26 AM
119	track and field including throwing circles need to be kept up, I see cracks in the facility and it would be a shame if we are no longer able to have meets because the facility is deteriorating. Same goes for throwing circles...you have multiple individual state champions...you have multiple team champions..yet track seems to be some type of after thought by the town. All of the fields like the buildings need to be kept up that means someone consistently needs to pay attention to them.	7/1/2017 12:48 AM
120	Please consider the needs of the high school marching band. Approximately one hundred students participate in this activity which requires an appropriate area for practice. The band contributes greatly to the school and town and should be supported.	6/30/2017 11:04 PM
121	Upgrade and maintain existing first...Go natural, no chemicals...pay staff fair wage and give them what they need to do a great job. No More Excuses	6/30/2017 10:56 PM
122	we have a lot of beautiful parks and recreational fields, the focus and budgeted resources should be spent on maintaining those.	6/30/2017 10:23 PM
123	Need to keep better care of what we have. Research first to avoid having to redo a project over and over again. Example the track. However the students do need proper space to safely perform.	6/30/2017 11:41 AM
124	We need a bike path from Richmond to Groton. So many top communities draw people in with this resource	6/30/2017 7:09 AM
125	After playing on the high school fields and quad (not this year because we couldn't) I feel Westerly owes it to our children to have fields that represent ALL sports and that will help enable our teams to be competitive with other schools.	6/29/2017 9:08 PM
126	The Westerly High School Marching Band is forced to endure the unsafe quality of the high school's practice field every season. It is not only unsafe but unsanitary. The marching band involves 10% of the school's population and is constantly being moved to different locations because of the unsafe conditions that the marching band is forced to endure through the practice field.	6/29/2017 9:06 PM
127	Current tennis courts at Rotary Park are cracked. Would rather have money go towards maintaining existing fields. Would pay for artificial turf field. Should prove you can maintain current fields before buying more space.	6/29/2017 9:03 PM
128	Don't pay taxes^^^^ that is why question 22 is blank	6/29/2017 4:40 PM
129	I feel there should be more adequate maintenance on the existing fields and playgrounds, often dirty and disrepair or not sanitary for children	6/29/2017 4:08 PM
130	I believe the high school should have received a turf field years ago. Much easier to maintain besides seeding, much nicer to play on, and gives our town a much better look towards athletics	6/29/2017 4:08 PM
131	Love this investment idea. Money is no object and the positive results are endless. Our kids in Westerly deserve the best facilities in the state. We need to be the model for others. There is no reason we can't be more efficient and produce better quality for our children and taxpayers.	6/29/2017 3:31 PM
132	Cimilore Field has been neglected for years. it would be nice to pave the roads and update the playground and not enough space for softball. what about our girls?!	6/29/2017 3:23 PM
133	The town seems to have a good amount of spaces and fields but they are not all well maintained. I think we should focus on what we have and then look at additional needs.	6/29/2017 3:23 PM
134	We absolutely need to, at minimum double the size of the maintenance dept - what that small crew tries to do now is a total joke- it's actually an embarrassment.. this town no longer invests in its youth - and as a result the population is going down.. neighboring towns have surpassed us, we were once the benchmark- no longer	6/29/2017 3:16 PM

135	Why are you only concerned about the high school and middle school fields? The elementary schools playgrounds are in need of improvements. The playground equipment at Springbrook is a safety hazard. The slide has no side's. Children have fallen off the side.	6/29/2017 2:57 PM
136	Marching Band uses a majority of these fields all the time!!!!	6/29/2017 11:08 AM
137	The fields are the high school are not safe, and not equally cared for. The massive sand ditches throughout the lower practice field are an extreme danger and not less or more acceptable for use by some teams over other teams.	6/29/2017 11:01 AM
138	WESTERLY HS MARCHING BAND NEED SPACE TO PRACTICE THAT IS SAFE AS WELL	6/29/2017 10:48 AM
139	Lesser known activities, such as marching bands, should have a place of their own to practice if the town of westerly decides to add additional fields	6/29/2017 10:38 AM
140	The Westerly high school marching band has not been given the proper facilities and field. It has definitely not been easy to deal with the constant holes and unhealthy water damage from the lack of draining on all the fields. I personally could tell you many horror stories of falling during a performance or during practice, due to the poor conditions of all the fields at the high school. I feel as though we are treated like second class citizens when the marching band as a whole has the largest group on the field. We are 10% of the schools population. It is immensely important that the committee that reviews the survey results to become better aware of these ignored conditions.	6/29/2017 10:36 AM
141	Please acknowledge the high school marching band as a legit group. They use the football field almost as much as the football players.	6/29/2017 10:33 AM
142	10% of the WHS population consists of Marching band members and in my opinion they deserve to have a well kept field to practice on. Possibly even their own field since they are given the worst field since during the season soccer and football are prioritized.	6/29/2017 10:29 AM
143	Don't forget the Marching Band at WHS needs a field to practice on!	6/29/2017 10:23 AM
144	How is it that the White Rock fields are dedicated to year round soccer when soccer is a fall sport, but lacrosse, a spring sport, has to use rough, not level, farm type fields of alfalfa and other animal feed grasses? Westerly lacrosse programs and deserve better fields.	6/29/2017 10:00 AM
145	In addition to repairs to playground across the board, more attention should be paid to equal funding of the various playgrounds. For example I took my children to the mountain Ave playground once and only once. It pales in comparison to Rotary Park and that is a shame. All playgrounds should be given equal treatment. We need lights in Bradford for lacrosse and extensive work at Cimalore field for the girls softball fields.	6/29/2017 9:58 AM
146	field priorities should be based on in season sports why is the white rock facility JUST soccer. Lacrosse could be played there in the spring. Soccer can be played in Bradford in the fall.	6/29/2017 9:50 AM
147	Sports and recreation areas should be treated as a luxury. Not until every school building is up to date, every school book is up to date and adequate, and every student in the district is put in the best possible situation academically should a single penny be spent on sports and rec fields. Our tax dollars are very limited should only be spent on things absolutely necessary for the town and school district to function with academics the priority.	6/29/2017 7:54 AM
148	The high school marching band should have been included in the list of sports, as it is in fact a traveling competition sport that is judged serving a large percentage of the school district population grades 7-12.	6/29/2017 4:21 AM
149	This spring the lax team had to practice at different locations and were not allowed to practice on the field in which they played their home games which is wrong and the quad was deemed not safe to play. The current field at the HS is dangerous, several injuries have occurred that could have possibly been prevented if there weren't so many holes on the field! I believe they recently added new turf which did not make a difference by the spring lax season! It may make more sense to have artificial turf for the future and be more cost effective than redoing the fields over and over again!!!	6/28/2017 9:37 PM
150	Gingerella needs to be better maintained! It is a good facility (with room for expansion) but is not currently being maintained. There is no excuse for the condition of the fields and the parking lot.	6/28/2017 9:17 PM
151	Is the town exploring a Wide World of Indoor sports type facility?	6/28/2017 9:00 PM
152	We need to stop spending 10's of thousands of dollars on quad and football field at the high school year after year. Better routine maintenance required .. consider contracting out to local landscapers who may take pride and ownership of specific fields .	6/28/2017 8:55 PM

153	We go to cimalore the most. There is always trash on the ground. Large dangerous pot holes all over the parking lot. The softball fields are not maintained well. Dugouts are a mess.	6/28/2017 7:53 PM
154	There needs to be a long term commitment from the town to better maintain both the current facilities and future investments. Otherwise this entire plan is a waste of time and money.	6/28/2017 5:50 PM
155	This year I have had the opportunity to travel to other schools and watch Westerly play their away games. Westerly's Field conditions by far were the worst amongst the teams they played. Visiting teams/parents always noted how poor our field conditions were.	6/28/2017 4:17 PM
156	With a declining student population and an increasing retirement age population, I hope there is some attention to demographics and forecasting. For youth recreational sports, there seems to be a competition among leagues in the same season for players or students. Young athletes are pushed to play multiple sports in a season to have enough players on a team. This is not healthy and seems to take away from the entire concept of team sports, considering athletes cannot practice with, and play on, multiple teams as a true team player. I would like to see our community explore consolidating facilities (ie: soccer and lacrosse), have an understanding of the financial resources that are available from each league, booster organizations, and monies collected at the door at home games or solicited from this community when fundraising.	6/28/2017 4:10 PM
157	WE HAVE PLENTY OF SPACE AT BRADFORD PRESERVE!!!! TOWN COUNCIL NEEDS TO LOCATE A BACKBONE AND LET IT BE USED FULLY FOR SPORTING FIELDS!!! The preserve is HUGE and the fields are a tiny percentage of the parcel. The town already owns this space, it is properly zoned, WHY CAN'T WE USE IT MORE?????!!!!!! The High School fields are a disgrace - my kids risk serious knee injuries just walking across them. I will speak with my vote this fall - WE NEED FIELDS - ALREADY OWN BRADFORD PRESERVE - WE NEED TO USE THAT BEAUTIFUL SPACE MORE EFFECTIVELY!!!	6/28/2017 2:08 PM
158	I dont think we need more fields. I think better availability and access would be ideal. I know the quad was just redone just in time for football to tear it up. Seems like a waste of money. Hope I'm wrong.	6/28/2017 1:25 PM
159	The school department is creating risk by having student athletes break school policy of not using school provided transportation and riding with teenagers who just got their licences and are not allowed to have any passengers. The cost for use is high at Augeri Field. At this point in time, there is funding for a synthetic field.	6/28/2017 1:07 PM
160	As an NCAA football coach at UMASS Dartmouth Synthetic Turf is a huge game changer and with out a doubt would be a major upgrade to Sal Augerie Field at WHS. It's an amazing surface.	6/28/2017 1:07 PM
161	The main project goal should be to support all school and rec sports by utilizing existing fields, making fields multi use. i.e. lax on the "soccer" fields in spring and soccer (u10 and down) on the "lax" field in the fall if that is the best use of space. New fields or artificial turf added if necessary. Rec groups don't "own" the fields the town does and needs to make the best use of them for all community members.	6/28/2017 12:03 PM
162	Since when is the quad at WHS a town athletic field. I still want to see the evidence that we don't have enough fields. I won't support a bond until we remove the Rec Board model and establish a Town Rec Dept with the budget, staff, and authority to maintain the facilities. We must have a staff member responsible, it can no longer be done by a volunteer board. I think we need at least \$2million annually devoted to running a proper Rec Dept and programs. We also should rely less on leagues and more on the town for youth sports.	6/28/2017 11:20 AM
163	Seems to be that there are not sufficient resources to care for the fields. If we invest money, they need to be maintained or its throwing money out the window.	6/28/2017 11:12 AM
164	My main concern right now is the need to repair some of the schools that need to be maintained and updated. I have recently been at the WHS and notice that new turf was put down in the field quad between the two schools. If there is not money in the school budget to fix up and maintain the existing schools or hire new teacher to accommodate the increase classroom sizes since Bradford School closing where is this money coming from to add new turf at the WHS. I think that right now our main concern should be the conditions of our schools not the parlance and fields that need to be fixed up. Were are our priorities in this matter? They should certainly should not be in worrying about parks and recreation. They should be in our children and the needs of our school system.	6/28/2017 10:44 AM
165	Stop wasting money on the synthetic turf and get something that is actually going to last. Like actual TURF. I know first hand the result of the synthetic turf, and it isn't good at all. The grass is thin, and just as patchy as it was before. Waste of money.	6/28/2017 9:08 AM

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166	I think we have enough athletic fields in westerly. But the fields need to be maintained alot better our high school football field is an eyesore! There are no dugouts for the middle school baseball team that is ridiculous it gets very hot out their these kids need a cool shaded place to sit down! It will cost a hell of a lot less you install turf grass and sprinkler systems than to buy a synthetic field.	6/28/2017 8:54 AM
167	field and space should be available as a seasonal priority. A "soccer" field should be made available as a lacrosse field during the lacrosse season. A high school varsity team should have a viable place to practice in season!	6/28/2017 8:34 AM
168	Access to 24/7 defibrillators at fields is a necessity, not an option.	6/28/2017 6:57 AM

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# Appendix D

## New Natural Turf vs. Convert to Synthetic

*Cost Analysis*



New Natural Turf Field vs. Convert Existing Natural Field to Synthetic Cost Analysis				
Expense	Natural Grass Field New Development (Conventional)	Natural Grass Field New Development (Conventional) (Without property Aquisition)	Convert Existing Field to Synthetic Turf (Sand/Crumb Rubber Infill)	Convert Natural Turf field to Synthetic Turf Field (Alternative Infill)
<b>Initial Costs</b>				
Property Aquisition and site preparation (5+ acres) (estimated)**	\$1,000,000	\$0	N/A	N/A
Clearing/Demolition (estimated***)	\$350,000	\$0	N/A	N/A
Design Fees and Permitting	\$145,000	\$145,000	\$75,000	\$75,000
Drainage & Field Base Construction Costs	\$175,000	\$175,000	\$350,000	\$440,000
Rough grading cuts and fills (estimated)	\$250,000	\$250,000	N/A	N/A
Fine grade-amend/Turf Curb	\$150,000	\$150,000	\$210,000	\$210,000
Turf Surface	\$55,000	\$55,000	\$650,000	\$780,000
New Parking (150 Cars) asphalt, lighting, curbs aisles, drives - \$3,000/space	\$450,000	\$450,000	use existing	use existing
New Concession/restroom (basic)	\$380,000	\$380,000	use existing	use existing
Irrigation and Controls/cap existing	\$35,000	\$35,000	\$5,000	\$5,000
Fencing and Access	\$75,000	\$75,000	\$30,000	\$30,000
Bleachers (200 seats)	\$250,000	\$250,000	use existing	use existing
Athletic Lighting	\$350,000	\$350,000	use existing	use existing
Electrical utilities	\$75,000	\$75,000	\$5,000	\$5,000
Maintenance Equipment Cost (Purchase and maintain with Town forces)	\$0	\$0	\$25,000	\$25,000
<b>Total Initial Cost</b>	<b>\$3,740,000</b>	<b>\$2,390,000</b>	<b>\$1,350,000</b>	<b>\$1,570,000</b>
<b>Annual Costs / Life Cycle</b>				
Annual Regular Maintenance Cost (See volume 3 appendix B)	\$24,074	\$24,074	\$4,500	\$9000 (additional maintenance required after heavy rains)
Water (Irrigation) and Repairs Cost	\$5,500	\$5,500	\$0	\$3,500
Athletic Line Painting	\$9,500	\$9,500	\$0	\$0
<b>Total Maintenance Costs</b>	<b>\$39,074</b>	<b>\$39,074</b>	<b>\$4,500</b>	<b>\$12,500</b>
<b>Surfacing Replacement Costs (over 15 years)</b>				
Decompact, Aerate, and Re-Sod (4 times)	\$180,000	\$180,000	\$0	\$0
Deep Clean/Topdress Infill (2 times)	\$0	\$0	\$24,000	\$40,000
Demo and install New Synthetic Turf Surface (carpet only - year 14)	\$0	\$0	\$650,000	\$650,000
<b>Total Replacement Costs</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$674,000</b>	<b>\$690,000</b>
<b>Total Lifecycle Cost (over a 15 year period)</b>	<b>\$3,959,074</b>	<b>\$2,609,074</b>	<b>\$2,028,500</b>	<b>\$2,272,500</b>
<b>Total Cost Per Year</b>	<b>\$263,938</b>	<b>\$173,938</b>	<b>\$135,233</b>	<b>\$151,500</b>
Number of Available Field Hours Per Year	600	600	1,500+	1500+
Number of Events/Practices Available Per Year (assumed 3 hour per event)	225	225	500+	500+
<b>Average Cost Per Event</b>	<b>\$1,173</b>	<b>\$773</b>	<b>\$270</b>	<b>\$303.00</b>

END OF VOLUME TWO

Please refer to Volume One and  
Volume Three for further information