

Known Issues with Pesticide-free-park Operation	Current Chemicals Used (Category III unless noted)	Least Toxic Chemical Option (Short-term solution)	Alternative Control Pesticide-Free (Long-term Solution)
Non-selective vegetation control Post Emergent	Round-up Pro Round-up Pro Dry	Round-up	Steam Machine - Waipuna machine Torch type machine (Propane burner) BurnOut
Preemergent vegetation control	Surflan-- Landscape areas Snapshot -Landscape areas Dimension - Turf Treflan Pendulum Pennant	Surflan -Landscapes Treflan - Landscapes Dimension - Turf	Mulching and hand weeding - Landscapes Corn gluten - Turf and possibly landscapes
Selective control of broadleaf weeds / nutsedge in turf	Trimec Plus-- <b>Category II</b> PowerZone Manage Surge -- Category II Sucker-Stopper Tordon RTU	Manage Powerzone Drive 75 Sucker Stopper (hormone) Tordon	Till /Overseed / Fertilize turf to out-compete the weeds Remove nutsedge contaminated soil. Hand Remove tree sprouts in landscape beds. Hand Remove stumps in landscape beds.
Post emergent of perennial grassy weeds	Ornamec		Manual removal of grassy weed in shrub beds.
Pest control in turf	Merit Delta Guard Sevin	Merit Delta Guard Sevin	Overseed / Fertilize turf to out-grow pests Remove damaged turf / overseed or sod.
Pest control on ornamentals	Talstar Avid Floramite Hexagon Insecticidal soap Hort Oils	Insecticidal soaps Omni Oil/ Hort Oil Talstar Avid Conserve Azatrol	Insecticidal soaps-- 50 % efficacy Beneficial insects /remove & replace plants
Fungal control on ornamentals	Cleary's 3336	Armcarb	Remove and replace trees, shrubs, & flowers Prune to open air flow/ improve general health of plants