

# Holiday Heights

## Routine Basin Maintenance

### Routine – Less Expensive

Minor sediment removal  
Trash/debris removal  
Landscape/vegetation management  
Brush debris removal

### Non-routine – More expensive

Major sediment removal  
Replacing Rip Rap stone  
Stabilize edges of basin

### Culvert Drains:



Require sediment removal when  
Sediment depth is 6-12 inches

Typically 1-5 years intervals  
Requires vac-tor truck or Back Hoe  
Can be removed by shovel & pale

## Flow Channel

- Conveys small flow towards outlets
- Reduces standing water problems
- Remove sediment/debris as need
- Remove vegetation & other debris.
- To prevent low flow or standing water problems

### Stockport Basin - Clubhouse Basin & 32 Acre Basin



## Outlet Structure



- Controls Discharge from basin provide pollutant
- Provides down stream flood control
- Trash guard prevent clog-age problems

# Embankments

Should be kept well vegetation on embankment  
to prevent erosion issues

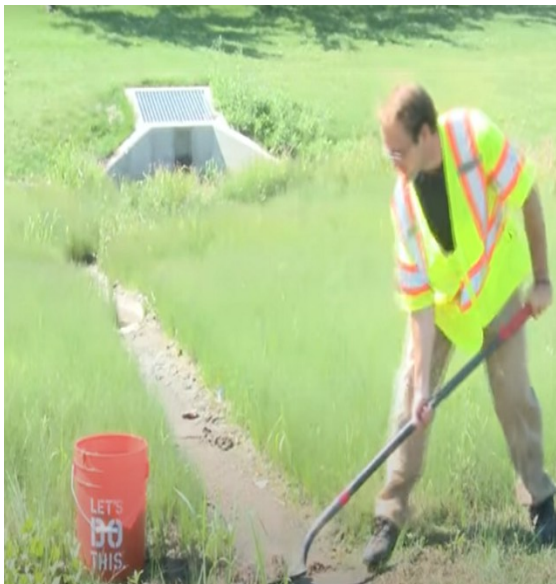


## Vegetation & Landscape Management

Proper Sediment Disposal

Removal of invasive plants & weeds

Minimize use of herbicides & fertilizers



## Standing Water Issues

Clogged outlet structure

Standing water present more than 48 hr after a storm

Dead vegetation around outlets

Check for blockage in or around Structural

Sediment accumulation in channel or in front of outlets

Consult with wastewater engineer if problem is not resolved



# Holiday Heights

## Routine Basin Maintenance

### **Davenport Basin & overflow area;**

- Removal of invasive vegetation around basin area.
- Remove debris around culverts drains.
- Cut down dead bush's & trees?
- Stabilize edges around basin
- Repair cracks in outlet structure if need
- Remove debris from structure preventing drainage problems

### **Chesterfield Basin:**

- Culverts drain are blocked – needs to be unblocked?
- Invasive vegetation & weeds around basin area need to be address?
- Addition Rip Rap stone around culverts outlets
- Repair cracks in outlet structure if need
- Remove debris from structure preventing clog-age problems

### **Lambert Basin:**

- Removal of invasive vegetation around basin area.
- Remove debris around culverts drains.
- Cut down dead bush's & trees?
- Stabilize edges around basin
- Repair cracks in overflow structure & support drain culvert washout in overflow area

### **Stockpot Basin:**

- Remove debris around culverts drains & all in & outflow channels
- Additional Rip Rap stone around culverts outlets were needed

### **Clubhouse Basin:**

- Removal of invasive vegetation around basin area.
- Remove debris build up from base of basin
- Remove debris around culverts drains and over-flow concrete area
- Cut down dead bush's & trees?
- Stabilize edges around basin
- Addition Rip Rap stone around culverts outlets