

## APPENDIX 6 MARKHAM SPRINGS RECREATION AREA

Location: Markham Springs Recreation Area is located on State Highway A, 10 miles northeast of Ellsinore in Wayne County, Missouri.

Government owned facilities.

### **Campground:**

- 5 single camp sites with electrical hook-ups
- 6 double camp sites with electrical hook-ups
- 25 primitive campsites, in the Pine and Sycamore loops
- 1 vault toilet building
- Shower building
- Pressurized water system with water stations

Campsites in the River loop no longer have facilities. Concessionaire may choose to make these available as group or overflow campsites, or this area may be used for day use.

### **Picnic Area:**

- 20 picnic sites
- 2 concrete vault toilet buildings
- water fountains
- 125 parking spaces
- 1 boat launching ramp
- 1 group pavilion

The camping area is comprised of primitive camping loops in a wooded setting near the Black River with 25 individual campsites that have very few amenities, and one more open and modern camping loop that has 6 double campsites and 5 single campsites, all with tables, firerings, lantern posts and individual electrical hook-ups. This more developed camping loop has one CXT concrete double vault toilet building, and one building with hot showers. The campground host site has electricity, phone, water and septic hookups. There is a single lane boat launch providing access to the Black River. **The historic Fuchs house and wheelhouse adjacent to the mill pond are not a part of this offering;** they are maintained and operated by another private party, under permit. It is available for rental to private individuals and small groups during the recreation season. Water for this house comes from the recreation area water system.

### **Day Use Site Capacity**

Since there is a lot of variability in day use sites across the forest, and capacity is generally not an issue on this forest, a defined day use site capacity has not been established. In general, picnic tables accommodate 6-8 people, and parking is limited to the space provided with no parking outside of the designated parking areas.

- Markham Springs Recreation Area – 100 picnickers plus parking for over 325 others; exact capacities are normally not established/enforced.

**If you have any questions about this site, would like to schedule a site visit, or would like assistance in preparing your proposal for this site, please contact:**

Bill Paxton (573) 785-1475; bpaxton@fs.fed.us 1420 Maud St, PO Box 988, Poplar Bluff, MO 63901	Poplar Bluff Ranger District
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Table 1 – Site Characteristics  
 MARKHAM SPRINGS RECREATION AREA

Feature	Details
Communications	1 telephone line at host site
Drinking Water	6 water stations
Trash Containers	Dumpsters
Vault Toilets	2 double units
Toilet/Shower Type	Shower building
Other Utilities	Full hook-up at host site; 5 single sites with electrical hook-ups; 6 double sites with electrical hook-ups.
Utilities	1 host site w/hook-ups, pressurized water system, incl. well & well house; 17 electric pedestals
Accessibility	Some accessible facilities and campsites, primarily in electric loop.
Number of Camping Units	25 primitive, 5 singles + 6 doubles w/electric
Number of Picnic Areas	20
Number of boat ramps	1
2013 Fee Per Camping Unit	\$15 (single w/electric) \$25 (double w/electric) \$10 (single) \$15 (double) \$25 (group)
2013 Fee Per Day Use	\$2 passenger vehicle \$10 Bus \$20 season
Minimum Operating Season	5/15-9/15
Minimum Fee Required	\$200 per year
Required Performance Bond	\$800
3-Year Average Gross Revenue (2007-2009)	\$3,985

Site Name	2007 Revenue	2008 Revenue	2009 Revenue	2012 Revenue
Markham Springs	\$2681	\$4031	\$5242	\$5,996

**Recommended Staffing:**

Recommend a minimum of one person full-time, plus additional help part-time. Recommend round-the-clock staffing at least from Thursday through Sunday afternoon, and at least day-time staffing throughout the week.

Table 2 – Utilities and Other Expenses  
 MARKHAM SPRINGS RECREATION AREA

UTILITY	COMPANY	AMOUNT USED	COSTS
Electric	Ozark Border Electric Cooperative 3281 S. Westwood Poplar Bluff, MO 63902 Phone (573) 785-44631 Toll Free 1-800-392-0567		
Phone	Windstream (Valor Telecom) P.O. Box 9001908 Louisville, KY 40290	Price includes extensions that have since been terminated.	3 months = \$145 (2011)

Table 2 continued

UTILITY	COMPANY	AMOUNT USED	COSTS
Garbage			
Toilet Pumping			
Mowing			

### Maintenance and Reconditioning Responsibilities

Maintenance and reconditioning work is a condition of the special use permit. **Holder** maintenance and reconditioning includes activities that neither materially add to the value of the property nor appreciably prolong its life. The work serves only to keep the facility in an ordinary, efficient operating condition. The concessionaire is required to perform Holder Maintenance and Reconditioning (Holder M&R) at the concessionaire's expense.

**Government** M&R generally includes activities that arrest deterioration and appreciably prolong the life of the improvements. All Government M&R is performed at the sole discretion of the Authorized Officer.

#### WATER SYSTEM:

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##### **Holder:**

The Holder is responsible for:

- Operation and general maintenance of entire water system, including opening/ closing.
- Minor repairs, including valves, hydrants, and above ground lines.
- Daily residual chlorine monitoring.

##### **Government:**

The Government is responsible for the following items:

- Repairing broken water lines (underground lines).
- Major repair or replacement of valves or hydrants.
- Cleaning storage tanks.
- Monthly water testing, monitoring and treatment.
- Capital replacement of water systems.

#### ROADS, PARKING AREAS, WALKWAYS, CAMP UNIT SPURS

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##### **Holder:**

The Holder is responsible for:

- Maintaining campground parking, camping spurs and turnouts, and paths within the recreation area by filling in holes, patching, raking, brushing, and otherwise repairing as damage occurs.
- Monitoring and identifying hazard trees. After securing FS approval the permit holder is required to remove hazard trees and associated slash, up to established limit of \$250/year.
- Removal of other vegetative debris from recreation site roads, trails, campsites, and parking lots.
- Cleaning and maintaining culverts.

##### **Government:**

The Government is responsible for:

- Maintaining the running surface and making subsurface structural repairs to roads and parking lots (excluding camping spurs and turnouts).

## DEVELOPED SITES

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### **Holder:**

The Holder is responsible for:

- Maintaining sites free of litter and domestic waste
- Number of visitors and vehicles are kept at or below site capacity.
- High risk site conditions which develop during the use season are corrected immediately or identified to protect the public, or the site is closed.

## SEWAGE SYSTEMS

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### **Holder:**

The Holder is responsible for:

- Pumping and disposal of the contents in vaults and septic tanks.
- Controlling objectionable odors at vault toilets.
- Notifying the government when alarms go off.

### **Government:**

The Government is responsible for:

- Responding to sewage system alarms, when notified.
- Winterizing the sewage system
- Replacement of collapsed vaults, etc.

## BUILDINGS

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### **Holder:**

The Holder is responsible for:

- Interior painting of 1 building per year, as determined by the Forest Service.
- Exterior staining of 1 of existing buildings per year, as determined by the Forest Service.
- Repair and replace fixtures, door locks, broken windows and doors as discovered.
- Repair interior walls and ceilings.
- Repair roofs, interior & exterior walls as damage is discovered.
- Graffiti is removed within 48 hours of discovery or notification.
- Vandalism is corrected or mitigated within one week of discovery or notification.

### **Government:**

The Government is responsible for, **if needed:**

- Restoring and replacing buildings.
- Performing major structural repairs.
- Re-roofing buildings and replacing exterior siding.

## BARRIERS, SIGNPOSTS, AND CAMPSITE POSTS

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### **Holder:**

The Holder is responsible for:

- Installation and replacement as needed.
- Keeping all sign and site posts straight and replacing as necessary.
- Staining and/or painting as needed (generally every three years).

## TABLES, FIRE RINGS, LANTERN POSTS, AND STOVES/PEDESTAL GRILLS

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### **Holder:**

The Holder is responsible for:

- Removal and disposal of ashes, and cleaning of fixtures.
- Sanding and refinishing or otherwise repairing & maintaining surface of fixtures.

- Removing carvings into tabletops, and sealing edges of damaged coating.
- Replacing broken planks, replacing bolts and lantern hangers, etc as necessary.
- Installing replacement fire rings, pedestal grills, lantern posts, tables and stoves,
- Repairing tables and fire rings, including making adjustments and welding breaks.

**Government:**

The Government is responsible for:

- Providing replacement fire rings, pedestal grills, lantern posts and tables as necessary.

SOLID WASTE

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**Holder:**

The Holder is responsible for:

- Garbage removal and disposal.
- Keeping garbage areas free of litter and objectionable odors.
- Assuring garbage does not exceed the capacity of the garbage containers, and is covered to reduce insect problems.
- Repairing, cleaning and painting garbage cans and/or replacing garbage cans.
- Maintaining garbage can corrals and garbage can pads.
- Assuring dumpsters and cans meet bear resistant guidelines, if these types of features are provided.

SIGNS AND BULLETIN BOARDS

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**Holder:**

The Holder is responsible for:

- Installing, repainting or staining, maintaining, or repairing signs, including recreation site entrance signs, as needed.
- Providing and maintaining in an uncluttered state, posters and information on bulletin boards with current seasonal information.

**Government:**

The Government is responsible for:

- Replacing campground entrance signs and bulletin boards, as necessary.
- Replacing regulatory signs.

VEGETATION MANAGEMENT

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**Holder:**

The Holder is responsible for:

- Falling and bucking hazard trees and limbs up to agreed upon limit of \$250/year prior to opening facilities at the beginning of the season, as well as during the operating season.
- Cleanup of all vegetative debris.
- Planting of shrubs, trees, and grasses as approved by the Forest Service.
- Notifying Forest Service immediately of any new hazard trees discovered.
- Correcting or preventing loss of vegetation and erosion caused by recreation use.

**Government:**

- Assisting with falling of hazard trees, within the capability of available personnel.
- Provide shrubs and trees for planting, as needed.
- Environmental review and approval of all vegetation management proposals.

Unscheduled M&R work occurs as unexpected maintenance needs arise.

**Possible Government M&R Projects that may be included as offset:**

Provide concrete and other supplies for FS/CASP installation of accessible walkway to picnic shelter.

Install concrete floor for picnic shelter. Stain Shelter.

Repairs of dam

Sign or bulletin board replacement

Production and installation of interpretive signs

Replacement of major components of water system, including major valves

Major repairs to the shower building

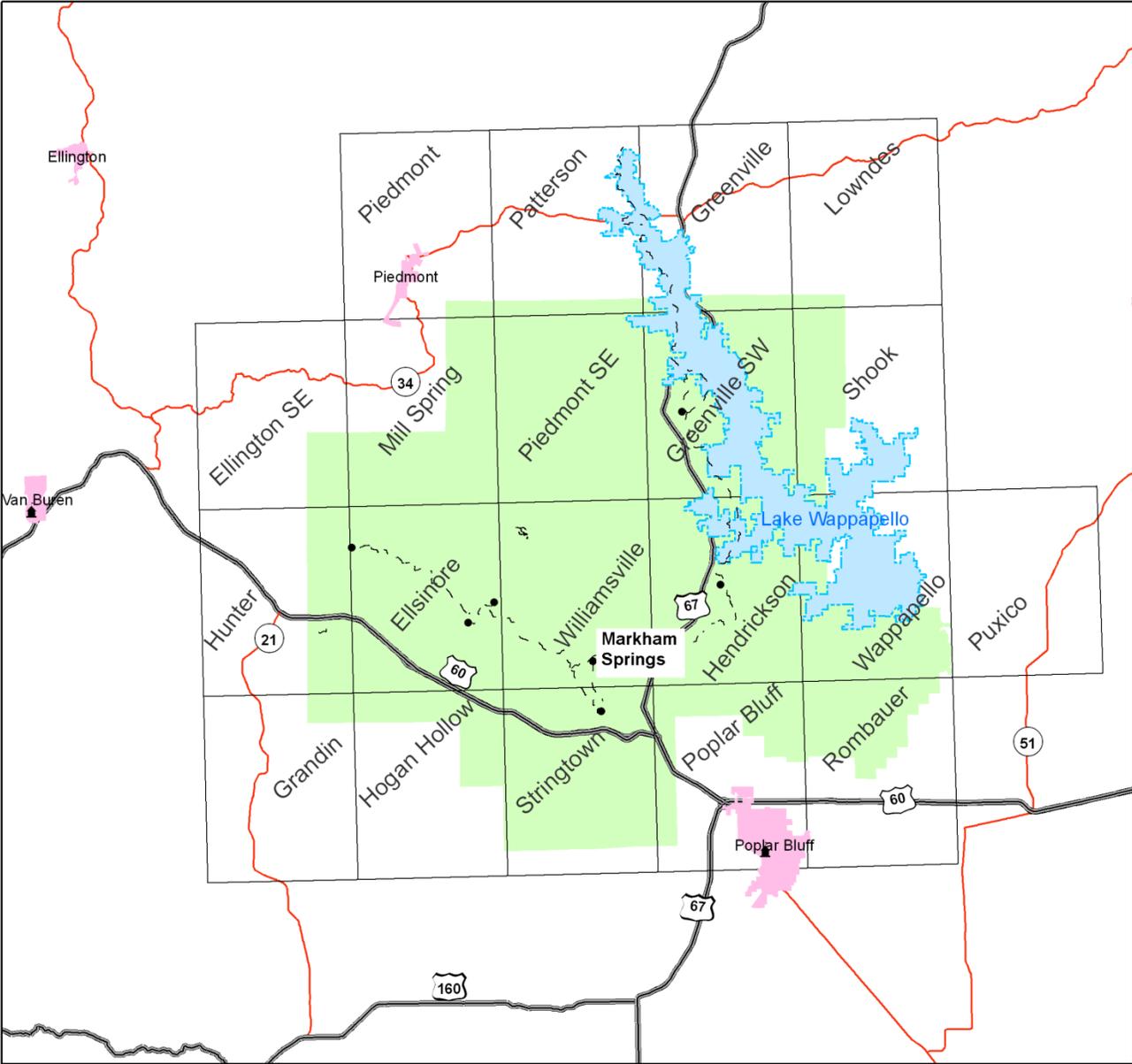
Construction or acquisition and installation of additional fire rings and/or picnic tables

Accessibility improvements

**Sample Annual Operating Plan for Markham Springs**

See Appendix 15 for sample operating plan.

# Markham Springs Recreation Area, Poplar Bluff District





# Constructed Feature Report

Existing-Active Features; Link Type = "ON"  
RSCFEA

Managing Org : 090504 MARKHAM (Campground) Site ID : 52440

Site Development Status : EXISTING

Site Operational Status : OPEN

Feature	ID	Name	Qty	Size	Date Last Inspected	Condition Rating	Needed AM Cost	Needed DM Cost	Needed CI Cost
Barrier - Parking Barrier (log w/wood posts)	52440-22		1	1365 ln ft	09/11/2009		\$ 55	\$ 8,872	\$ 0
Barrier - Wheel Stop	52440-25		130	130 each	09/11/2009		\$ 260	\$ 967	\$ 0
Building - Water - Markham Springs Well House	52147	MARKHAM SPRINGS WELL HOUSE		328 sqft	07/23/2003	SATISFACTORY	\$ 0	\$ 0	\$ 0
Building - Bath House - Markham Springs Shower House	52024	MARKHAM SPRINGS SHOWER HOUSE		600 sqft	07/23/2003	POOR	\$ 250	\$ 200	\$ 0
Building - Toilet-Vault - Markham Day Use New Toilet	52270	MARKHAM DAY USE NEW TOILET					\$ 0	\$ 0	\$ 0
Building - Entrance Station - Markham Springs Fee Station	52282	MARKHAM SPRINGS FEE STATION					\$ 0	\$ 2,257	\$ 0
Building - Toilet-Vault - Markham Springs New Toilet By Barn	52232	MARKHAM SPRINGS NEW TOILET BY BARN			04/26/2005	SATISFACTORY	\$ 0	\$ 2,500	\$ 0
Culvert - Standard	52440-20		1	100 ln ft	09/11/2009		\$ 50	\$ 0	\$ 0
Erosion_Control - Riprap	52440-17	RIPRAP/GABION BASKETS	1	400 cu ft	09/11/2009		\$ 4	\$ 0	\$ 0
Erosion_Control - Stairway (rock)	52440-58		3	40 sq ft	09/11/2009		\$ 2	\$ 0	\$ 0
Fence - Non-Range, Recreation (chain link)	52440-18	CHAINLINK	1	500 ln ft	09/11/2009		\$ 10	\$ 0	\$ 0
Fence - Non-Range, Recreation (treated lumber)	52440-19	WOOD	1	500 ln ft	09/11/2009		\$ 10	\$ 2,625	\$ 0
Fire_Device - Combination Fire Ring/Grill	52440-46		51	51 each	09/11/2009		\$ 510	\$ 8,400	\$ 0
Fire_Device - Pedestal Grill, Small	52440-47		6	6 each	09/11/2009		\$ 66	\$ 0	\$ 0
Gate - Other (wood, treated sawn)	52440-24	ROAD GATES	3	3 each	09/11/2009		\$ 105	\$ 3,000	\$ 0
Gate - Pipe (steel)	52440-23	ROAD GATES	3	3 each	09/11/2009		\$ 147	\$ 2,315	\$ 0
Misc_Rec - Fee Station	52440-36		3	3 each	09/11/2009		\$ 114	\$ 790	\$ 0
Misc_Rec - Host Site	52440-40		1	1 each	09/11/2009		\$ 445	\$ 0	\$ 0
Misc_Rec - Information Kiosk (hdo plywood)	52440-46	BOAT LAUNCH INFO STATION	1	48 sq ft	09/11/2009		\$ 408	\$ 0	\$ 0
Misc_Rec - Information Kiosk (mdo plywood)	52440-60		1	40 sq ft	09/11/2009		\$ 340	\$ 0	\$ 0
Misc_Rec - Other - Water Fountain	52440-45	WATER FOUNTAIN	12	12 each	09/11/2009		\$ 0	\$ 0	\$ 0
Misc_Rec - Pathway (concrete)	52440-59		1	480 sq ft	09/11/2009		\$ 0	\$ 0	\$ 0



**Constructed Feature Report**  
 Existing-Active Features; Link Type = "ON"  
 RSCFEA

**Managing Org : 090504 MARKHAM (Campground) Site ID : 52440**

**Site Development Status : EXISTING**  
**Site Operational Status : OPEN**

Feature	ID	Name	Qty	Size	Date Last Inspected	Condition Rating	Needed AM Cost	Needed DM Cost	Needed CI Cost
Misc_Rec - Pathway Bridge (wood)	52440-50		2	200 sq ft	09/11/2009		\$ 42	\$ 0	\$ 0
Misc_Rec - Pathway Bridge (wood)	52440-57		3	150 sq ft	09/11/2009		\$ 32	\$ 0	\$ 0
Misc_Rec - Pathway Bridge (wood)	52440-50		2	200 sq ft	09/11/2009		\$ 42	\$ 0	\$ 0
Misc_Rec - Security Light	52440-38		1	1 each	09/11/2009		\$ 6	\$ 37	\$ 0
Misc_Rec_Unit - Lantern Post	52440-48		51	51 each	09/11/2009		\$ 268	\$ 4,860	\$ 0
Misc_Rec_Unit - Sun/Wind Shelter (wood)	52440-44		2	2 each	09/11/2009		\$ 66	\$ 1,500	\$ 0
Misc_Rec_Unit - Trailer/Rv Hookup	52440-49	RV HOOKUPS ELECTRICITY	11	11 each	09/11/2009		\$ 1,870	\$ 0	\$ 0
Play_Equipment - Horseshoe Pit	52440-37		2	2 each	09/11/2009		\$ 42	\$ 395	\$ 0
Sanitation - Dumpster, Small	52440-13		2	2 each	09/11/2009		\$ 190	\$ 0	\$ 0
Sign - Federal Recreation Symbol (aluminum)	52440-49		2	2 each	09/11/2009		\$ 5	\$ 0	\$ 0
Sign - Site (hdo plywood)	52440-29	ENTRANCE SIGNS (DOUBLE SIDED)	1	1 each	09/11/2009		\$ 55	\$ 0	\$ 0
Sign - Small Metal (aluminum)	52440-48		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Small Metal (aluminum)	52440-48		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Small Metal (aluminum)	52440-48		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Travel Management (aluminum)	52440-49		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Travel Management (aluminum)	52440-49		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Travel Management (aluminum)	52440-61		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Travel Management (aluminum)	52440-49		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Travel Management (aluminum)	52440-49		1	1 each	09/11/2009		\$ 0	\$ 0	\$ 0
Sign - Unit Marker (hdo plywood)	52440-32	UNIT SIGNS	52	52 each	09/11/2009		\$ 104	\$ 0	\$ 0
Sign - Visitor Information (hdo plywood)	52440-62		1	3.3 sq ft	09/11/2009		\$ 1	\$ 0	\$ 0
Sign - Visitor Information (hdo plywood)	52440-63		1	3.3 sq ft	09/11/2009		\$ 1	\$ 0	\$ 0
Sign - Visitor Information (mdo plywood)	52440-47	INFO. BOARDS (NOT FEE STATIONS)	1	6 sq ft	09/11/2009		\$ 1	\$ 0	\$ 0



**Constructed Feature Report**  
 Existing-Active Features; Link Type = "ON"  
 RSCFEA

**Managing Org : 090504 MARKHAM (Campground) Site ID : 52440**

**Site Development Status : EXISTING**  
**Site Operational Status : OPEN**

Feature	ID	Name	Qty	Size	Date Last Inspected	Condition Rating	Needed AM Cost	Needed DM Cost	Needed CI Cost
Sign - Visitor Information (mdo plywood)	52440-31	INFO. BOARDS (NOT FEE STATIONS)	3	12 sq ft	09/11/2009		\$ 3	\$ 1,040	\$ 0
Sign - Visitor Information (mdo plywood)	52440-48	INFO. BOARDS (NOT FEE STATIONS)	1	32 sq ft	09/11/2009		\$ 8	\$ 0	\$ 0
Table - Bench (wood, hvy duty)	52440-41		10	10 each	09/11/2009		\$ 210	\$ 1,510	\$ 0
Table - Picnic Table (conc/mas/stl)	52440-43		6	6 each	09/11/2009		\$ 66	\$ 0	\$ 0
Table - Picnic Table (wood, hvy duty)	52440-42		65	65 each	09/11/2009		\$ 1,755	\$ 23,490	\$ 0
Table - Table Pad (asphalt)	52440-45		2	2 each	09/11/2009		\$ 12	\$ 0	\$ 0
Watercraft_Swim - Ramp (concrete)	52440-35		1	560 sq ft	09/11/2009		\$ 6	\$ 8,800	\$ 0
Water_System - Well, Submersible Pump	52165	MARKHAM SPRINGS			08/08/2007	SATISFACTORY	\$ 5,663	\$ 75,706	\$ 0
<b>Total Costs:</b>							<b>\$ 13,226</b>	<b>\$ 149,264</b>	<b>\$ 0</b>



## Report Summary

Report Title : Constructed Feature Report

Report Name : RSCFEA

Run by : NFEAKES

## Filter By

Managing Org : %

Site Name : %

Site ID : 52440

Site Development Status : %

Site Operational Status : %

Feature Type : %

## Sort By

Managing Org, Site Name, Site ID, Feature Type

## Notes