

**Hunters Land Management**  
*Science. Management. Conservation*

Montgomery, AL  
 (334) 303-3443



SERVICE #: XXXXXXXX  
 DATE: 12/12/12

**TO:**  
 Jim Bob  
 XXX Avenue  
 Troy, AL 36081

**FOR:**  
 Pond Management Service

SERVICES RENDERED	VALUE	YOUR STANDING	COST
pH (scale of 0-14)	6.1	OK	
Opacity Levels (Fertilizer Reccomendations)	27 Inches	OK	
Pond Balance	In Bal.	Great	
Weeding Issues	None	Great	
Stock Additions or Harvest Suggestions	None	Great	
Dissolved Oxygen Levels	5 ppm	OK	
Alkalinity	20 ppm	Good	
Construction Issues	N/A		
Terrestrial Species Addition Survey	Yes	See Com.	
Travel Fees	XX	XX	
		<b>TOTAL</b>	<b>AMOUNT</b>

Make all checks payable to Hunters Land Management

## Data Collected Explained:

**pH:** The pH value in your lake was 6.1. This informs us that your water is a little acidic in nature. The addition of lime at 2 tons per acre since your pond has not been limed in the past 5 years. The optimal range is around 7. Adding this lime will drastically increase the effect of fertilizer additions into the pond.

**Opacity Levels:** This test measures light levels in various areas in the pond by analyzing the plankton bloom density. We had a reading of 27 inches in your pond, which informs us that fertilization needs to increase. However, your pH is acidic, so this could cause your fertilizer additions to not be taking affect as you intend.

**Pond Balance:** We found that your bond is in balance by catching fish along the shallow banks with a seining net. By discovering a good ratio between minnows and larger fish (dependent on the time of year), we believe your pond has adequate balance.

**Weeding Issues:** None were found

**Stock Additions or Harvest Suggestions:** Since your pond is in balance, we believe that no stock addition is necessary at this time.

**Dissolved Oxygen Levels:** 5 ppm is a little low but still not causing any stress. This is the oxygen that is dissolved in the water that is usable by aquatic species. This will increase when your plankton bloom increases due to the increased effect of photosynthesis (a process which adds oxygen back into the water).

**Alkalinity:** The alkalinity is highly important in controlling your pH levels. The optimal levels for a pond is 20 ppm. Your rating (18 ppm) is well within a healthy range.

**Construction Issues:** Not evaluated

**Terrestrial Species Addition Survey:** We believe that the addition of several types of bushes will greatly benefit cover around your pond. Please contact us for exact specimens we recommend and how each different one will yield different results.

**VARIOUS IMAGES AND FURTHER EXPLANATIONS WILL GO HERE FOR YOUR SPECIFIC AREA**