

## Soil Test Report

### Prepared For:

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### Sample Information:

Sample ID: LKW Sed2

Order Number: 17637

Lab Number: S151005-113

Area Sampled:

Received: 10/5/2015

Reported: 10/15/2015

## Results

<i>Analysis</i>	<i>Value Found</i>	<i>Optimum Range</i>	<i>Analysis</i>	<i>Value Found</i>	<i>Optimum Range</i>
Soil pH (1:1, H2O)	5.5		Cation Exch. Capacity, meq/100g	7.5	
Modified Morgan extractable, ppm			Exch. Acidity, meq/100g	4.6	
<i>Macronutrients</i>			Base Saturation, %		
Phosphorus (P)	4.4	4-14	Calcium Base Saturation	34	50-80
Potassium (K)	16	100-160	Magnesium Base Saturation	4	10-30
Calcium (Ca)	520	1000-1500	Potassium Base Saturation	1	2.0-7.0
Magnesium (Mg)	41	50-120	Scoop Density, g/cc	0.82	
Sulfur (S)	49.0	>10	Optional tests		
<i>Micronutrients *</i>			Soil Organic Matter (LOI), %	2.3	
Boron (B)	0.2	0.1-0.5	Nitrate-N (NO3-N), ppm	0	
Manganese (Mn)	29.8	1.1-6.3			
Zinc (Zn)	3.3	1.0-7.6			
Copper (Cu)	0.5	0.3-0.6			
Iron (Fe)	45.2	2.7-9.4			
Aluminum (Al)	68	<75			
Lead (Pb)	1.6	<22			

\* Micronutrient deficiencies rarely occur in New England soils; therefore, an Optimum Range has never been defined. Values provided represent the normal range found in soils and are for reference only.

### Soil Test Interpretation

Nutrient	Very Low	Low	Optimum	Above Optimum
Phosphorus (P):				
Potassium (K):				
Calcium (Ca):				
Magnesium (Mg):				



**Soil and Plant Tissue Testing Laboratory**

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***Recommendations for Crop Code Unknown - Please Specify***

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**Comments:**

-No crop code was received with your submission form, so no lime and fertilizer recommendations could be made. If you need recommendations, please contact the lab with your lab number, which is located on the lower right corner for your report, and a crop code, found on the second page of the submission form (See References).

**References:**

UMass Soil Lab Submission Forms <http://soiltest.umass.edu/ordering-information>

**General References:**

Interpreting Your Soil Test Results <http://soiltest.umass.edu/fact-sheets/interpreting-your-soil-test-results>

For current information and order forms, please visit <http://soiltest.umass.edu/>