



**Pyxis Laboratories**  
**Pyxis Laboratories**  
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**Job Number:** 4042114  
**Report Date:** 04/24/2014  
**ORELAP #:** OR100028  
**Purchase Order:** 1705

**Sample Results**

<b>Sample: #1 Jimmy's Place 4.7 Acres</b>		<b>Collected: 04/18/14 11:15</b>				<b>Temp: 17 C</b>	<b>Matrix: Soil</b>	
<b>Lab ID: 75525</b>		<b>Received: 04/21/14 12:47</b>				<b>Evidence of Cooling:N</b>		<b>Notes</b>
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Batch</b>	<b>Start/Extract</b>	<b>Analyzed</b>	
<b>Method: EPA 9056</b>								
Nitrate	1.26	mg/Kg	0.5	1	20906-3		04/22/14 14:56	H,X
<b>Method: SM 4500-Norg-B</b>								
Total Kjeldahl Nitrogen	3220	mg/Kg	1	1	20904-7		04/22/14 14:00	X
<b>Method: SM 4500-NH3-B/C</b>								
Ammonia Nitrogen	217	mg/Kg	1	1	20918-7		04/23/14 15:00	X
<b>Sample: #2 Jimmy's Place 11.7 Acres</b>		<b>Collected: 04/18/14 11:15</b>				<b>Temp: 17 C</b>	<b>Matrix: Soil</b>	
<b>Lab ID: 75526</b>		<b>Received: 04/21/14 12:47</b>				<b>Evidence of Cooling:N</b>		<b>Notes</b>
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Batch</b>	<b>Start/Extract</b>	<b>Analyzed</b>	
<b>Method: EPA 9056</b>								
Nitrate	1.52	mg/Kg	0.5	1	20906-4		04/22/14 15:29	H,X
<b>Method: SM 4500-Norg-B</b>								
Total Kjeldahl Nitrogen	3160	mg/Kg	1	1	20904-8		04/22/14 14:00	X
<b>Method: SM 4500-NH3-B/C</b>								
Ammonia Nitrogen	262	mg/Kg	1	1	20918-8		04/23/14 15:00	X
<b>Sample: #3 Howards 18.0 Acres</b>		<b>Collected: 04/18/14 11:05</b>				<b>Temp: 17 C</b>	<b>Matrix: Soil</b>	
<b>Lab ID: 75527</b>		<b>Received: 04/21/14 12:47</b>				<b>Evidence of Cooling:N</b>		<b>Notes</b>
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Batch</b>	<b>Start/Extract</b>	<b>Analyzed</b>	
<b>Method: EPA 9056</b>								
Nitrate	ND	mg/Kg	0.499	1	20906-5		04/22/14 16:02	H,X
<b>Method: SM 4500-Norg-B</b>								
Total Kjeldahl Nitrogen	3210	mg/Kg	1	1	20904-9		04/22/14 14:00	X
<b>Method: SM 4500-NH3-B/C</b>								
Ammonia Nitrogen	138	mg/Kg	1	1	20918-9		04/23/14 15:00	X
<b>Sample: #4 Hughes 7.1 Acres</b>		<b>Collected: 04/18/14 11:30</b>				<b>Temp: 17 C</b>	<b>Matrix: Soil</b>	
<b>Lab ID: 75528</b>		<b>Received: 04/21/14 12:47</b>				<b>Evidence of Cooling:N</b>		<b>Notes</b>
<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>MRL</b>	<b>Dil.</b>	<b>Batch</b>	<b>Start/Extract</b>	<b>Analyzed</b>	
<b>Method: EPA 9056</b>								
Nitrate	0.78	mg/Kg	0.5	1	20906-6		04/22/14 16:35	H,X
<b>Method: SM 4500-Norg-B</b>								
Total Kjeldahl Nitrogen	4490	mg/Kg	1	1	20904-10		04/22/14 14:00	X
<b>Method: SM 4500-NH3-B/C</b>								
Ammonia Nitrogen	225	mg/Kg	1	1	20918-10		04/23/14 15:00	X

Matrix:

Sample: #5 Kosydav 6.0 Acres		Collected: 04/18/14 12:30				Temp: 17 C		Matrix: Soil	
Lab ID: 75529		Received: 04/21/14 12:47				Evidence of Cooling:N			
Analyte	Result	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes	
Method: EPA 9056 Nitrate	0.888	mg/Kg	0.499	1	20906-7		04/22/14 17:08	H,X	
Method: SM 4500-Norg-B Total Kjeldahl Nitrogen	3730	mg/Kg	1	1	20904-11		04/22/14 14:00	X	
Method: SM 4500-NH3-B/C Ammonia Nitrogen	263	mg/Kg	1	1	20918-11		04/23/14 15:00	X	
Sample: #6 Kosydav 11.5 Acres		Collected: 04/18/14 12:30				Temp: 17 C		Matrix: Soil	
Lab ID: 75530		Received: 04/21/14 12:47				Evidence of Cooling:N			
Analyte	Result	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes	
Method: EPA 9056 Nitrate	2.15	mg/Kg	0.499	1	20906-8		04/22/14 17:40	H,X	
Method: SM 4500-Norg-B Total Kjeldahl Nitrogen	4840	mg/Kg	1	1	20904-12		04/22/14 14:00	X	
Method: SM 4500-NH3-B/C Ammonia Nitrogen	289	mg/Kg	1	1	20918-12		04/23/14 15:00	X	
Sample: #7 May 5.0 Acres		Collected: 04/18/14 13:30				Temp: 17 C		Matrix: Soil	
Lab ID: 75531		Received: 04/21/14 12:47				Evidence of Cooling:N			
Analyte	Result	Units	MRL	Dil.	Batch	Start/Extract	Analyzed	Notes	
Method: EPA 9056 Nitrate	0.599	mg/Kg	0.499	1	20906-9		04/22/14 18:13	H,X	
Method: SM 4500-Norg-B Total Kjeldahl Nitrogen	2550	mg/Kg	1	1	20904-13		04/22/14 14:00	X	
Method: SM 4500-NH3-B/C Ammonia Nitrogen	168	mg/Kg	1	1	20918-13		04/23/14 15:00	X	

### Laboratory Quality Control Results

EPA 9056

SM 4500-Norg-B

**QC - Laboratory Control Sample -**

Batch ID: 20904-2

Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Total Kjeldahl Nitrogen	5.04	5.00	mg/L	101 %	80-120	---	---	

**QC - Method Blank -**

Batch ID: 20904-1

Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Total Kjeldahl Nitrogen	ND		mg/L	---	---	---	---	

**QC - Matrix Spike - of Sample 20904 - 3**

Batch ID: 20904-5

Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Total Kjeldahl Nitrogen	12.0	2.52	10.0	mg/L	95 %	80-120	---	---	

**QC - Sample Duplicate - of Sample 20904 - 3**

Batch ID: 20904-4

Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Total Kjeldahl Nitrogen	2.38	2.52		mg/L	---	---	6	20	

SM 4500-NH3-B/C

**QC - Laboratory Control Sample -**

Batch ID: 20918-2

Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Ammonia Nitrogen	4.76	5.00	mg/L	95 %	80-120	---	---	

**QC - Method Blank -**

Batch ID: 20918-1

Analyte	Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes	
Ammonia Nitrogen	ND		mg/L	---	---	---	---		
<b>QC - Matrix Spike - of Sample 20918 - 3</b>					Batch ID: 20918-5				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Ammonia Nitrogen	20.0	10.1	10.0	mg/L	99 %	80-120	---	---	
<b>QC - Sample Duplicate - of Sample 20918 - 3</b>					Batch ID: 20918-4				
Analyte	Result	Org.Result	Spike	Units	Recovery	Limits	RPD	Limit	Notes
Ammonia Nitrogen	10.6	10.1		mg/L	---	---	5	20	

**Abbreviations**

MRL Method Reporting Limit  
 ND None Detected at or above the MRL  
 RPD Relative Percent Difference

**Data Qualifiers**

H Holding time exceeded  
 X Not ORELAP accredited

**Units of Measure:**

mg/Kg Milligrams Per Kilogram  
 mg/L Milligrams Per Liter