



**Oklahoma Department of Environmental Quality  
Environmental Complaints and Local Services  
INSPECTION REPORT - TOTAL RETENTION LAGOON**

RECEIVED MAR 03 2005

Facility No. S20902 County Harpur.  
Buffalo P.O. Box 439 Buffalo 73834  
 Name of Facility Address City Zip  
Buffalo P.O. Box 439 Buffalo 73834  
 Name of Owner Address City Zip

The below listed rules are cited in the Oklahoma Administrative Code, Title 252 (Supp. 2000), except when noted \*\* These rules are cited in 27A O S

SECTIONS	RULES	REQUIREMENT DESCRIPTIONS	ITEM	VIOL	DESCRIPTIONS OF DEFICIENCIES
OPERATORS	710	<b>Certified operator employed</b>	<b>*01</b>		Joe McMiller
	710	All operators properly certified	02		
PERMIT VERIFICATION	621-3-1	<b>Facility permitted: no serious construction defects</b>	<b>*03</b>		- signs on perimete.
	621-3-1	All modifications and line extensions permitted	*04		
FENCING	621-5-1(6)	Facility identified and access controlled	05		- continue building up dikes to protect from storm runoff.
		<b>6' high chain link in residential areas</b>	<b>*06</b>		
		Storm drainage/flood protection adequate to protect dikes	07		
EROSION CONTROL	621-5-1(1)	Storm drainage/flood protection adequate to protect dikes	07		
ACCESS	656-11-4(b) & 621-5-1(8)	All-weather road constructed and maintained	08		
DIKE MAINTENANCE	656-11-3(b)(3) & 621-5-1(1) & 621-5-1(7)	Maximum slope of 1:3 maintained	09		Freeboard < 3' on next to last cell.
		Adequate vegetative cover or rip-rap provided	10		
		Grass mowed and trees, weeds and cattails removed	11		
FREEBOARD	621-5-1(2)	Minimum 3 ft freeboard maintained	12	✓	
LINERS & SEALS	621-5-1(10)	<b>Seepage through lagoon bottom and dikes prevented</b>	<b>*13</b>		
BIOLOGICAL GROWTH	621-5-1(11)	Good biological growth maintained. Septic conditions prevented.	14		
VECTOR CONTROL	621-5-1(12)	Water depth and wind action adequate to prevent development of vector harborage	15		
BYPASSES AND/OR SSOs	606-1-6	<b>Dry or wet weather bypasses/SSOs reported</b>	<b>*16</b>		no bypasses reported
		<b>Dry weather bypasses/SSOs corrected</b>	<b>*17</b>		
		Wet weather bypasses/SSOs identified and addressed	18		
PUMP STATIONS	656-7	Pumps, motors, piping and valves operable and maintained	19	✓	one pump down in lift station one pump continues to operate. Plans to replace/repair pump is in the works.
		Controls and fail-safe systems operable	20		
AERATED LAGOONS	656-11-2(d)(1) & 605-1-5(b)(3)(W)	Aeration equipment adequate and properly maintained	21		
LAND APPLICATION	656-3-1 & ** 2-6-205(A) & 656-25-2(e) & 621-5-3(2) & 656-21	<b>Land application site permitted</b>	<b>*22</b>		
		<b>Run-off from land application site prevented</b>	<b>*23</b>		
		Land application equipment operable and maintained	24		
		100-ft buffer zone around land application site provided	25		
		Application in accordance with crop loading rates	26		
		Disinfection facilities provided and operable for public use land application systems	27		
		Land application in accordance with topography requirements	28		
REPORTS	621-7-1	MOR's completed, retained and made available to DEQ	29		
POTABLE WATER	656-9-2(b)	<b>Potable water protected, no cross-connections</b>	<b>*30</b>		

Critical items are indicated in bold and by an asterisk (\*) in the item column. All critical items marked must be corrected within 14 days or as specified by the inspector. Other violations must be corrected by the next regular inspection or by the date specified

**FACILITY STATUS:**  
 31  Repeat Violation(s)  
 32  Under current enforcement action  
 33  No Violation Noted  
 34  Violation Corrected During Inspection

**POPULATION** 1200  
**Date:** 2/23/05  
 Total number of items marked   
 Number of critical items marked

**PURPOSE OF VISIT**  
 35  Compliance Monitoring  
 36  Complaint No  
 37  Follow-Up  
 38  Emergency/Disaster  
 39  Construction Inspection

**TYPE CLASS**  
 74  L R Lagoon, Total Retention  
 74  L Land Application

**ACTION**  
 40  None  
 41  Notice to Comply by next inspection  
 42  Refer for Enforcement

Joe McMiller Employee ID# 6330  
 Environmental Specialist  
Joe McMiller City MANAGER  
 Copy received by Title