



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

Facility No. <u>S-20902</u>		County <u>Harper</u>	
<u>Buffalo WWT</u>	<u>East of City</u>	<u>Buffalo</u>	<u>73834</u>
Name of Facility	Address	City	Zip
<u>City of Buffalo</u>	<u>PO Box 439</u>	<u>Buffalo</u>	<u>73834</u>
Name of Owner	Address	City	Zip

The below listed rules are cited in the Oklahoma Administrative Code, Title 252, except when noted.

SECTIONS	RULES	REQUIREMENT DESCRIPTIONS	ITEM	A/D	DESCRIPTIONS OF DEFICIENCIES
OPERATORS	619-1-4(c)	Certified operator employed	*01		Note: Total of 3 people working on crew (they do everything for the town)
	619-1-4(c)	All operators properly certified	02		
PERMIT VERIFICATION	619-1-3	Facility permitted: no serious construction defects	*03	X	There are three trenches that were cut into the side of the dikes to help manage the bypass. Two from cell #2 to #7 and from #6 into #7. This was done to prevent by-passing into the Buffalo Creek that is about 0.5 miles away. This is still not been fixed.
	619-1-3	All modifications and line extensions permitted	*04	X	
FENCING	619-3-2(j)	Facility identified and access controlled	05		
	619-3-2(i)	6' high woven wire fence or equivalent in residential areas	*06		
EROSION CONTROL	619-3-1(c)	Storm drainage/flood protection adequate to protect dikes and all parts of the collection system	07		Slope is almost 3:0.5
	619-3-2(a)(5)				
ACCESS	619-3-2(l)	All-weather road constructed and maintained	08		Vegetation is growing up around dikes. Get the trees out of the dikes.
	619-3-2(a)(1)	Maximum slope of 1:3 maintained	09	X	
	619-3-2(a)(2)	Adequate vegetative cover or rip-rap provided	10		
DIKE MAINTENANCE	619-3-2(a)(3)	Grass mowed and trees, weeds and cattails removed	11	X	There have been discussions about a possible rate increase to aid in financing. Nothing official has been voted on at this time.
	619-3-2(b)	Minimum 3 ft freeboard maintained	12		
LINERS & SEALS	619-3-2(c)	Seepage through lagoon bottom and dikes prevented	*13		Bypass is not been corrected
BIOLOGICAL GROWTH	619-3-2(n)	Good biological growth maintained. Septic conditions prevented.	14		
	VECTOR CONTROL	619-3-2(o)	Water depth and wind action adequate to prevent development of vector harborage	15	
619-1-4(d)(1)		Dry or wet weather bypasses/SSOs reported	*16		
BYPASSES AND/OR SSOs	619-1-4(d)(2)	Dry weather bypasses/SSOs corrected	*17	X	Pumps have not worked since April 2008.
	619-1-4(d)	Wet weather bypasses/SSOs identified and addressed	18		
PUMP STATIONS	619-3-1(d)	Pumps, motors, piping and valves operable and maintained	19	X	This inspection is the follow up to a complaint that was called in on the Buffalo WWT.
	619-3-1(d)	Controls and fail-safe systems operable	20		
AERATED LAGOONS	619-3-2(h)	Aeration equipment adequate and properly maintained	21		
	619-3-2(m)				
LAND APPLICATION	619-3-1	Land application site permitted	*22		
	619-3-3(b)(5)	Run-off from land application site prevented	*23		
	619-3-3(a)(5)	Land application equipment operable and maintained	24		
	619-3-3(b)(6)	100-ft buffer zone around land application site provided	25		
	619-3-3(b)(7)	Application in accordance with crop loading rates	26		
	619-3-3(a)(4)	Disinfection facilities provided and operable for public use land application systems	*27		
619-3-3(b)(11)	Land application in accordance with topography requirements	28			
REPORTS	619-1-4(f)	MOR's completed, retained and made available to DEQ	29		
POTABLE WATER	619-1-4(c)	Potable water protected, no cross-connections	*30		

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.

Kenny Ground Employee ID# 6190
Environmental Specialist

Deanna Buss Mayor
Copy received by _____ Title _____

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

PURPOSE OF VISIT
 35 Compliance Monitoring
 36 Complaint No. 65186
 37 Follow-Up
 38 Emergency/Disaster
 39 Construction Inspection

ACTION
 40 None
 41 Notice to Comply by: _____ Date _____
 42 Refer for Enforcement

POPULATION 1200
DAILY FLOW (gpd) -86,000
 Date: 11 / 17 / 2008
 Total number of items marked 6
 Number of critical items marked 3

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