



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

Facility No. S-20902 County Harper

Buffalo WWT East of City Buffalo 73834
Name of Facility Address City Zip

City of Buffalo PO Box 439 Buffalo 73834
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	VIOL	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.
	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.
DIKE MAINTENANCE	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		
	619-3-2(a)(3)	Grass mowed and trees, weeds and cattails removed	11	X	
FREEBOARD	619-3-2(b)	Minimum 3 ft freeboard maintained	12		Bypass is not been corrected
LINERS & SEALS	619-3-2(c)	Seepage through lagoon bottom and dikes prevented	*13		
BIOLOGICAL GROWTH	619-3-2(n)	Good biological growth maintained. Septic conditions prevented.	14		Pumps have not worked since April 2008.
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	
	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	
	619-3-1(d)	Controls and fail-safe systems operable	20		
AERATED LAGOONS	619-3-2(b) 619-3-2(m)	Aeration equipment adequate and properly maintained	21		This inspection was done due to a complaint was called in on the Buffalo WWT. The complaint stated that the lagoons were discharging into the storm water drainage ditch.
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

Joey McVicker City Manager
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: 11.17.08
 42 Refer for Enforcement Date

POPULATION 1200
DAILY FLOW (gpd) -86,000
Date: 10 / 31 / 2008
 Total number of items marked
 Number of critical items marked
TYPE CLASS
 74 R Lagoon, Total Retention
 74 L Land Application