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

RECEIVED OCT 17 2005

Facility No. [redacted] County Harper

Name of Facility	Address	City	Zip
Buffalo WWT	PO Box 439	Buffalo	73834

Name of Owner	Address	City	Zip
Buffalo	PO Box 439	Buffalo	73834

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

SECTIONS	RULES	REQUIREMENT DESCRIPTIONS	ITEM	VIO	DESCRIPTIONS OF DEFICIENCIES
OPERATORS	619-1-4(c)	**Certified operator employed**	*01		Joe McVicker
	619-1-4(c)	All operators properly certified	02		Lynn Ball
PERMIT VERIFICATION	619-1-3	**Facility permitted: no serious construction defects**	*03		
	619-1-3	**All modifications and line extensions permitted**	*04		
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) 619-3-2(a)(5)	Storm drainage/flood protection adequate to protect dikes and all parts of the collection system	07		
ACCESS	619-3-2(l)	All-weather road constructed and maintained	08		
DIKE MAINTENANCE	619-3-2(a)(1)	Maximum slope of 1:3 maintained	09		
	619-3-2(a)(2)	Adequate vegetative cover or rip-rap provided	10		Continue mowing down
	619-3-2(a)(3)	Grass mowed and trees, weeds and cattails removed	11	X	weeds around the lagoons
FREEBOARD	619-3-2(b)	Minimum 3 ft freeboard maintained	12		pump station/drying beds/
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		
VECTOR CONTROL	619-3-2(o)	Water depth and wind action adequate to prevent development of vector harborage	15		
BYPASSES AND/OR SSOs	619-1-4(d)(1)	**Dry or wet weather bypasses/SSOs reported**	*16		no bypasses.
	619-1-4(d)(2)	**Dry weather bypasses/SSOs corrected**	*17		
	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		Pump station @ the
	619-3-1(d)	Controls and fail-safe systems operable	20		lagoon operable.
AERATED LAGOONS	619-3-2(h) 619-3-2(m)	Aeration equipment adequate and properly maintained	21		Continue w/cleaning &
LAND APPLICATION	619-3-1	**Land application site permitted**	*22		maintaining sludge digester
	619-3-3(b)(5)	**Run-off from land application site prevented**	*23		(imhoff tank) wasting
	619-3-3(a)(5)	Land application equipment operable and maintained	24		sludge to drying beds
	619-3-3(b)(6)	100-ft buffer zone around land application site provided	25		as needed.
	619-3-3(b)(7)	Application in accordance with crop loading rates	26		Sludge being incorporated
	619-3-3(a)(4)	**Disinfection facilities provided and operable for public use land application systems**	*27		on dikes.
	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.

Bill Kropf
Environmental Specialist

Employee ID# 6330

Joe McVicker
Copy received by

City Mgr.
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. _____
37 ☐: Follow-Up
38 ☐: Emergency/Disaster
39 ☐: Construction Inspection

ACTION
40 ☐: None
41 ☒: Notice to Comply by next inspection (Date)
42 ☐: Refer for Enforcement

POPULATION 1200

DAILY FLOW (gpd) unknown.

Date: 10 / 5 / 05

Total number of items marked: 1

Number of critical items marked: 0

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