

September 25, 2015

Lorna Puntillo, ACT
actsafellc.com

This letter is to document my findings during the team review of the concession area at Medicine Creek Reservoir September 23, 2015.

After contact with Lorna Puntillo of ACT, concerning her contract with the Bureau of Reclamation(BOR) to perform a health and safety review of the concession area at the BOR's Medicine Creek Res., I met with a group consisting of representatives of the BOR, Nebraska Game and Parks Commission(NGPC) and Nebraska Dept. of Health and Human Services(HHS).

The Medicine Creek Lodge has been permitted as a Mobile Home Park(MHP) since 2014. Prior to that it had been viewed as a transient and seasonal facility, monitored by the HHS as a public water supply and also governed by the NGPC and BOR and the food service is permitted by the Nebraska Dept. of Agriculture. In 2014 the decision was made to also permit it as a MHP by HHS.

The existing water supply, sewage treatment, electrical and fuel systems will be evaluated as they are. Should future improvements be necessary to any of these systems they will be expected to comply with current regulations and standards.

My initial impression of the area was favorable as far as the aesthetics of the area go. The trailers are clutter free for the most part and the immediate areas around them policed satisfactorily, until one views the shoreline area where brush and refuse was more pronounced. Regular brush removal and organizing of personal items was needed here. Keeping stored items elevated off the ground will help control any potential for rodent harborage or areas for insects to breed.

The sewage treatment systems for the trailers are largely an unknown entity as to where they exist and sizing. They consist of holding tanks and small tank and drain field systems. Only one surface discharge of household wastewater was noticed. Trailer 13B had a pipe to the ground surface that appeared to be draining running water from the trailer, perhaps a leaking valve from a clothes washing machine. Any surface discharge of household waste water is illegal according to NE Dept. of Environmental Quality(NDEQ), Title 124 regulations for Onsite Wastewater Systems.

The sizing of the septic tanks and drain fields are unknown. Current standards require a minimum of 1000 gallon tanks and drain fields sized according to the number of bedrooms and the soil percolation rates. Some trailers and RV's have flexible hosing

from the holding tanks to the sewer riser hookups. These need to be replaced with water tight and air tight service connections of Schedule 40 PVC hard pipe to prevent the potential of flexible hoses tearing and leaking.

Future repair or replacement of any waste water system involving reconstruction, altering or modifying must comply with NDEQ, Title 124, Rules and Regulations for the Design, Operation and Maintenance of Onsite Wastewater Systems. The space available for onsite systems around the trailers would probably limit any legal system to holding tanks of a minimum of 1000 gallons. The option for a community system may also be there. Cost and financing may be problematic.

The water supply and distribution system is monitored by HHS. Tony Martinez has a very comprehensive report coming to you covering that.

The electrical and fuel systems should be reviewed by the appropriate regulators and recommendations acquired to help the area comply with current standards.

Please contact this office if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "m s Gould".

Michael S. Gould, REHS
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MOBILE HOME PARK INSPECTION REPORT
Drinking Water and Environmental Health
 PO Box 95026
 Lincoln, NE 68509-5026
 (402) 471-0903

#2

District (A-Code)	Permit Number 731	County Frontier
Name/Address of Park <i>Medicine (K. Lodge) 40798 Hwy. 6 Cambridge</i>	Name/Address of Owner	
Total Number of Mobile Home Spaces 55	Total Number of Spaces Occupied 55	

Water Supply (Check type) <input type="checkbox"/> 1. Municipal <input checked="" type="checkbox"/> 2. Private, number wells: 1	Sewage Disposal <input type="checkbox"/> 1. Municipal <input checked="" type="checkbox"/> 2. Private, type: septic tank	Garbage Collection <input type="checkbox"/> 1. Municipal <input type="checkbox"/> 2. Private
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A. Water Supply: (Any checked item numbers below indicate non-compliance)	B. Sewage Disposal:	
Wells <input type="checkbox"/> 1. Properly located <input type="checkbox"/> 2. Properly constructed <input type="checkbox"/> 3. All pits properly sealed and equipped drain	<input checked="" type="checkbox"/> 10. System operating satisfactorily <input checked="" type="checkbox"/> 11. Water-tight and air-tight service connection. Schedule 40 PVC used, proper adapters <input checked="" type="checkbox"/> 12. Sewer outlets capped on unoccupied spaces <input checked="" type="checkbox"/> 13. Hookup pipe and riser pipe in good repair	<input type="checkbox"/> 15. Refuse stored in approved containers with sufficient storage Insect and Rodent Control <input type="checkbox"/> 16. Grounds and buildings free of insect breeding areas, rodent harborage, and infestation of insects <input type="checkbox"/> 17. Grass, brush, and weeds mowed to prevent ragweed, poison ivy, etc.
Distribution System <input checked="" type="checkbox"/> 4. Flexible metal hookup <input type="checkbox"/> 5. Unused hookups capped <input checked="" type="checkbox"/> 6. No cross-connection <input checked="" type="checkbox"/> 7. Riser with two threaded valves, or two water outlets available <input checked="" type="checkbox"/> 8. Riser pipe and valves in good repair <input type="checkbox"/> 9. Water samples collected	C. Sanitary Conditions: Refuse and Garbage Disposal <input type="checkbox"/> 14. Refuse collected a minimum of once each week	<div style="border: 1px solid black; padding: 5px;"> New or Reconstructed MHP's Only <input type="checkbox"/> 18. Water system approved <input type="checkbox"/> 19. Sewage system approved <input type="checkbox"/> 20. Electrical system approved <input type="checkbox"/> 21. Fuel system approved </div>

Comments: **#4** Many hookups are with garden hose
#6 Back flow device, where used, is not rated for continuous use
#7 Some visible risers lack 2 outlets **#8** 1 visible leak @ connection
#10 One trailer (13B) with visible surface discharge of wastewater. (washing machine?)
#11 Some visible sewer connections are flexible hose. Need hard pipe for extended stay.
#12 One visible unused site needs cap. **#13** cleanup damaged 1 site

Date 9-23-15	Park Manager	Evaluated By <i>[Signature]</i>	I.D. 4277
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