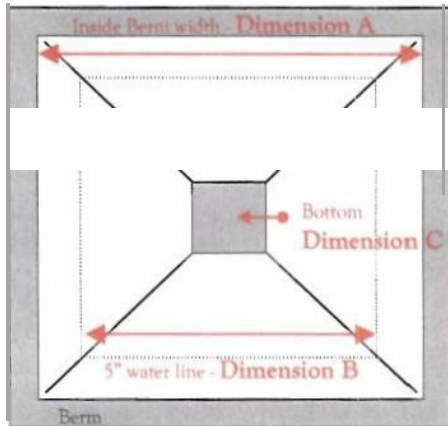


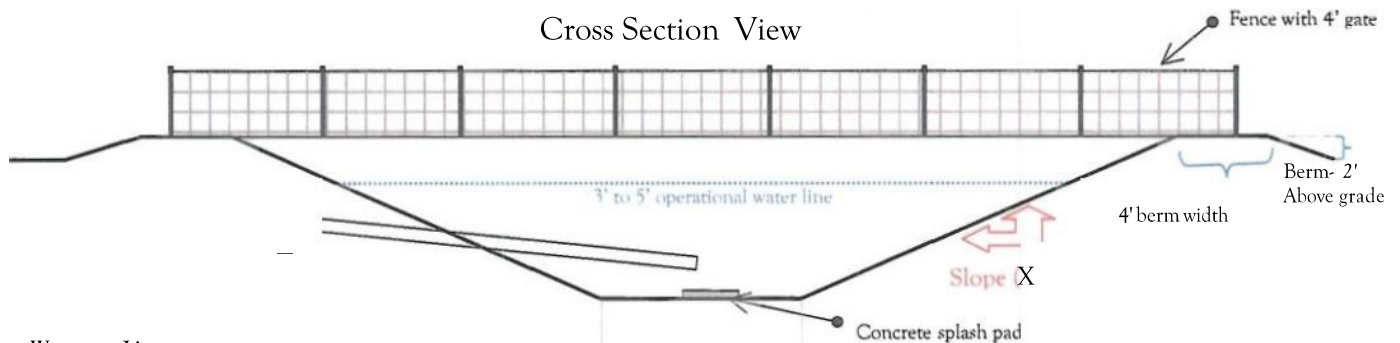
APPENDIX 1: Lagoon Construction Diagram

Top View



Lagoon Size	A	B	C	X (Slope)
M-35	47'X47'	35'x35'	5'X5'	3:1
M-40	52'X52'	40'x40'	10'X10'	3:1
M-45	59'X59'	45'X45'	10'X10'	3.5:1
M-50	64'X64'	50'x50'	15'X15'	3.5:1

Cross Section View



Wastewater Line

- Cleanouts at every turn and no greater than 100' apart.
- Installed at grade of 0.125 • 0.25" drop *I* foot.

Fencing Requirements:

- Mesh size opening no larger than 2" by 4".
- Minimum fence height of 4 feet.
- Minimum gate width of 4 feet.
- Fence on outside of berm if livestock are present.
- Fence may be on top of berm if no livestock are present.

References: KDHE Environmental Health Handbook, Kansas State University

For more information contact:

Reno County Public Works
 Environmental Division
 600 Scott Boulevard
 South Hutchinson, KS 67505
 Phone 620-259-2105
<http://www.renogov.org/>