

### Belmont BioAg Pond Data

Pond Number	Pond Name (and Remarks)	High Water Elevation (HWL)	Low Water Elevation (LWL)	Effective Operating Depth	Surface Area @ HWL		Surface Area @ LWL		Effective Volume, MG
1	Emergency Manure Catchment	1043.50	1038.00	5.5	49,284	sq ft =	35,721	sq ft =	1.7
					1.13	acres	0.82	acres	
					Days of Storage at Average Manure Production of 134,000 gpd:				13.0
2	Emergency Manure Storage	1048.00	1040.00	8.0	209,252	sq ft =	168,150	sq ft =	11.3
					4.80	acres	3.86	acres	
					Days of Storage at Average Manure Production of 134,000 gpd:				84.1
3	Irrigation Water / Emergency Manure Storage (Drainage Area Served: 15.8 Acres, includes Greenhouse and 2 Barns)	1048.00	1040.00	8.0	215,662	sq ft =	173,103	sq ft =	11.6
					4.95	acres	3.97	acres	
					Days of Storage at Average Manure Production of 134,000 gpd:				86.6
	<b>MANURE STORAGE SUBTOTAL</b>								<b>24.6</b>
					Total Days of Storage at Average Manure Production of 134,000 gpd:				183.7
4	Ethanol Plant / Digester Runoff Sedimentation Pond (Drainage Area Served: 25.7 Acres)	1049.00	1041.00	8.0	51,597	sq ft =	22,968	sq ft =	2.2
					1.18	acres	0.53	acres	
5	Greenhouse Parking Runoff Sedimentation Pond (Drainage Area Served: 11.7 Acres, not including Greenhouse)	1034.00	1030.00	4.0	22,936	sq ft =	15,400	sq ft =	0.6
					0.53	acres	0.35	acres	