1 cubic decametre (1 dam$^3$) = 10m x 10m x 10m

1 dam$^3$ = less than half the volume of a traditional grain elevator

[34 m$^3$ = 0.034 dam$^3$]

1 dam$^3$ = 29 water trucks

Oil Industry in Manitoba uses under 500 dam$^3$ water per year

1 Irrigation Pivot

Average year
130 acres at 10.2 inches/acre
= 110.5 acre-feet
= 136 dam$^3$

Approximately 55 tanks the size of grain elevators

*Water used in oil well completions includes “produced” or recycled water plus water obtained from groundwater and surface water sources

Annual Water Allocation

One Irrigation Pivot in Average Year
Estimated for Oil Industry in Manitoba
Irrigation Water Use on the Oak Lake Aquifer in Average Year

Updated: September 11, 2013
Comparison of Water* Use in Manitoba’s Oil Industry to Municipal Water Allocations in Southwest Manitoba

Municipal Water Allocations

*Water used in oil well completions includes “produced” or recycled water plus water obtained from groundwater and surface water sources.