

Lake Size

213 acres

Date of Application

May 1994

Project Sponsor

Nebraska Department
of Environmental
Quality

Project Reference

DU 6fU\U[Y"
@L_YHWW7cbg]b[.....
A UHYZB9"
VfU\U[Y4"
U_YHWWcbg]b["Wta"
(\$&+ ' \$! *) ,

Lake @VUŽB9

Lake @VU is a &% -acre fYVYU]cbU' lake located U'cb['h.Y'D'UH'F]j Yf' bYUf: fYa cbhZB9'UbX\Ug'U'a YUb'XYdh'cZ% 'ZhUbX'U'a U]a i a 'XYdh'cZ ' %Zh h.Y'gUbX'Vchca "U_Y'k Ug'VYUHYX Vm[fUj Y'a]b]b['cdYfU]cbg]b' h.Y%- * \$fj'UbX']g[fci bXk UHYf'ZYX'k]h' a]b]a U' YI hYfbU'd\cgd\cfi g'fDk']bdi hg" " b]h]U"nž@_Y'@VU'k Ug'df]gh]bY'k]h' dYf]cXg'bchU'Y'k UHYf'WUf]m fD% 'ZL' b'h.Y%- , \$fj'U'XfUa U]VXYVYUgY]b'k UHYf'ei U']mVt']b]VXYX' k]h' \]\ 'D'ZccX'k UHYfg'YbhYf]b['h.Y'U_Y'Zfca 'h.Y'bYUfVm'D'UH'F]j Yf"6m h.Y'YUf'm- \$fj'ZD'k Ug'cj Yf'%) \$'π[#@Zbi]gUbW'U[U'V'cca g'dYfg]ghYX'U" gi a a YfZUbcl]M]b'h.Y'ck Yf'k c!h']fXg'cZ'h.Y'k UHYf'Vt'i a b'UbX']bhYfbU" 'cUX]b['Zfca 'h.Y'Vchca 'gYX]a Ybhg'k Ug'h.Y'df]a Ufm]gci fW'cZD"

Lake Leba

Platte River

5b %aUWdcf]cb'cZ'h.Y'U_Y'k Ug']gc'UH'X'k]h' 'k c'gUbX'Ya VUb_a Ybhg'hc' U'ck 'U' i a 'hYUHYX']g"i bhYUHYX'Vt'a dUf]gcbg'cZk UHYf'ei U']m]UbX' d'Ub_hcb'Vt'a a i b]]m]ghfi Vm' fY" h.Y']gc'UH'X' dcf]cb'k Ug'XcgYX'k]h' - \$\$\$ [U'cbg'cZU' i a 'cj Yf'U'h'fY'XUhg']b' A Umf%- - ("GUa d'Yg'k Yf' Vt' YVYX']b' h.Y' hYUHYX'UbX' i bhYUHYX' dcf]cbg'cj Yf' h.Y' bYI h' 'mYUfg'UbX' fYgi 'hg'k YfY'di V']g'YX'fk'c'n' <cU['UbX'"% - - "9ZYVtg'cZD'fYXi V]cb'cb'k UHYf' ei U']m]Vt'a dUf]gcb'cZU' i a !hYUHYX'UbX' i bhYUHYX' dcf]cbg'cZU'\nalyfi hfcd\]WU_Y" @L_Y/ 'FYgYf'c]f'A UbU[Ya Ybh%) fYt'+\$!, &L"

H.Y'fYgi 'hg']b]W' XYX'h.Y'Zc'ck]b['WUb[Yg.

- ∇ - +i 'fYXi V]cb']b']bhYfbU' D'cUX]b[
- ∇ + (i 'fYXi V]cb']b'k UHYf'Vt'i a b'D
- ∇ *) i 'fYXi V]cb']b' W'cfcd\m' fU[UYt
- ∇ % (i ']b]VYUgY']b'k UHYf'WUf]m
- ∇ &&i ']b]VYUgY']b'cl]W]g\ \UV]fUh