

Jacobs, J., Guertin, J., and Herron, C., eds., 2001, *MTBE and its effect on Soil and Groundwater Resources*, Lewis Publishers/CRC Press, Boca Raton, Florida; 264 p.

Copyright Page: Jacobs, James J., 1943; should be Jacobs, James A., 1956;

Pages 58 and 59; Section 6.8.6 Overview of Fenton's Reagent:

In the equations; "fi" should be the arrow symbol: →

Appendix D: Summary of MTBE state-by-state cleanup standards

The main correction in Appendix D is that the mg/L should have read µg/L for the listings. Rather than list only the corrections on pages 107-108, the entire table is shown as of November 1, 2000:

<u>State</u>	<u>2000 Cleanup Level</u>
Alabama	20 µg/L
Alaska	EPA*
Arizona	35 µg/L; EPA*
Arkansas	Site Specific
California	13 µg/L preliminary (health effects) 5 µg/L secondary (taste and odor)
Colorado	Site Specific
Connecticut	100 µg/L
Delaware	180 µg/L
Florida	50 µg/L residential, 500 µg/L industrial
Georgia	EPA*
Hawaii	20 µg/L
Idaho	Site Specific
Illinois	70 µg/L projected
Indiana	45 µg/L projected
Iowa	EPA*
Kentucky	EPA*
Louisiana	18 µg/L
Maine	35 µg/L
Maryland	Site Specific; 20 µg/L for drinking water
Massachusetts	70 µg/L groundwater drinking supply 50,000 µg/L groundwater source for vapor emissions to buildings
Michigan	40 µg/L projected
Minnesota	40 µg/L; EPA*
Mississippi	55 µg/L; EPA*
Missouri	40 µg/L to 400 µg/L (depending on use)
Montana	30 µg/L
Nebraska	Site Specific
Nevada	20 µg/L; 200 µg/L
New Hampshire	70 µg/L
New Jersey	70 µg/L
New Mexico	100 µg/L
New York	10 µg/L
North Carolina	200 µg/L; proposed at 70
North Dakota	EPA*
Ohio	40 µg/L
Oklahoma	20 µg/L; action cleanup level
Oregon	20 µg/L; 40 µg/L

Pennsylvania	20 µg/L
Rhode Island	40 µg/L groundwater quality standard; 20 µg/L preventative action
South Carolina	40 µg/L
South Dakota	EPA*
Tennessee	EPA*
Utah	200 µg/L action level
Vermont	40 µg/L
Virginia	Site Specific
Washington	20 µg/L
West Virginia	Site Specific
Wisconsin	60 µg/L
Wyoming	200 µg/L

NOTES:

EPA* Waiting for US EPA (maximum contaminant level (MCL) for drinking water) to set cleanup standards

Comment: Cleanup levels can change at any time. Some states stated cleanup levels, while waiting for the US EPA to provide guidance and set the MTBE cleanup standards.

Appendix H – Plume geometries for subsurface concentrations of MTBE

Page 183, third paragraph, first sentence: “Figures H.2, H.3 and H.4” should read: “Figures H.2, H.3 and H.5. (There is no Figure H.4)”

Page 183: third paragraph, second sentence: “Figure H.3” should read: “Figure H.2”

Page 184: second paragraph, first sentence: “Figure H.4 illustrates” should read: “Figure H.3 (there is no Figure H.4) illustrates”

Comments or questions:

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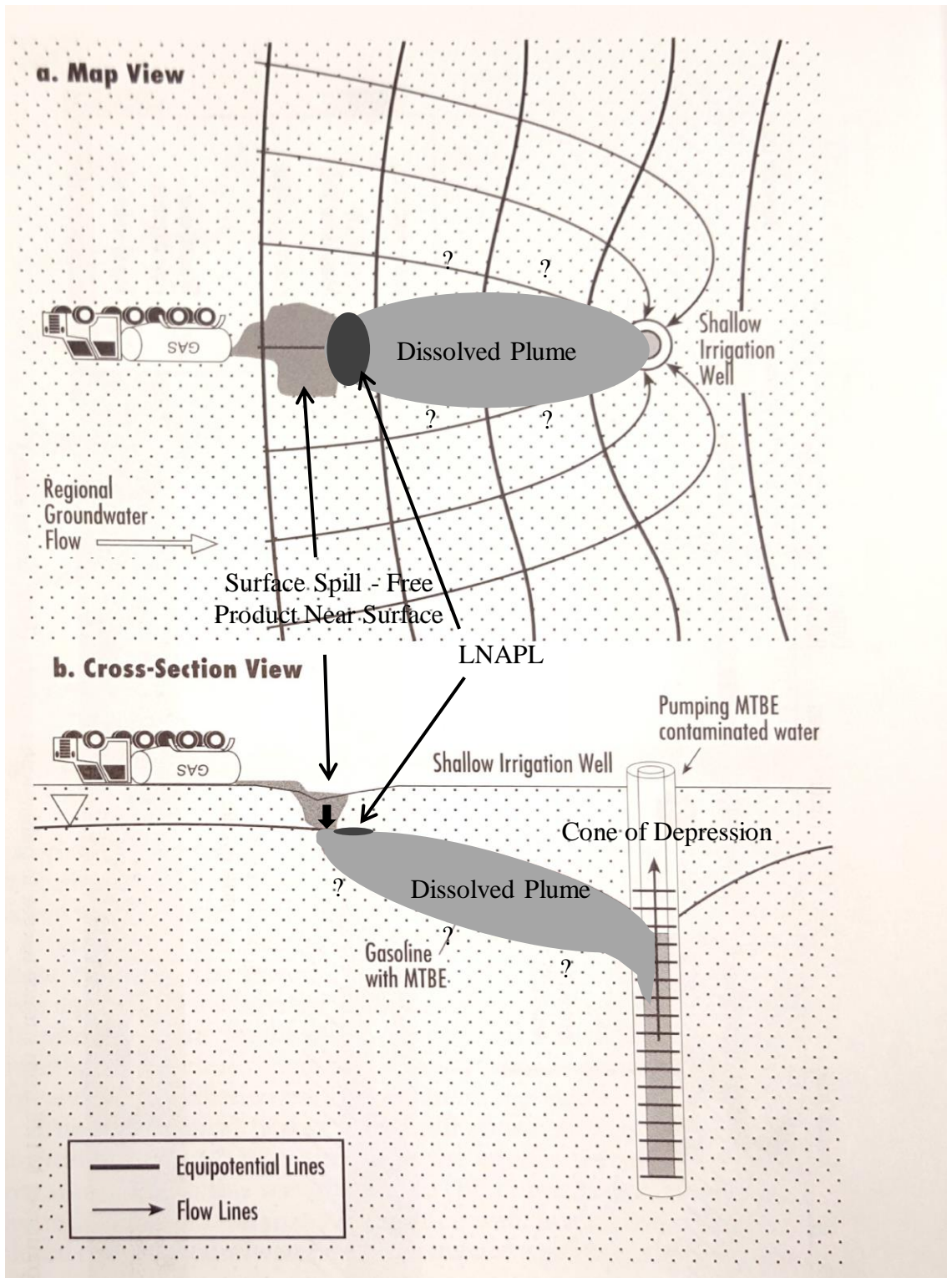


Figure H.3 (updated) General sketch of gasoline (with MTBE) LNAPL, showing dissolved plume and draw-down in aquifer through pumping. MTBE is more soluble than many compounds in gasoline.

LNAPL = Light non-aqueous phase liquid, gasoline with MTBE floating on water table.

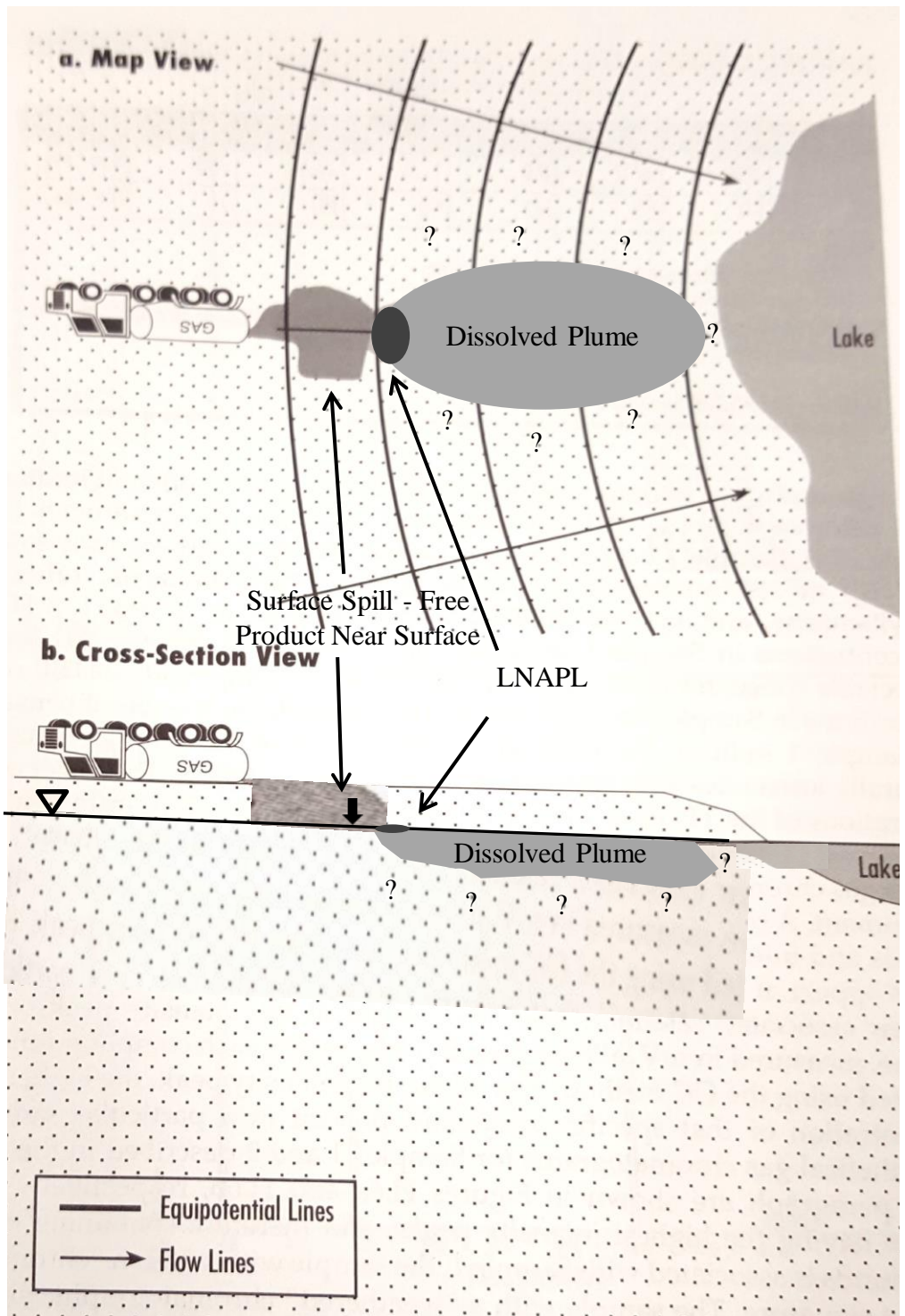


Figure H.5 (updated) General sketch of gasoline (with MTBE) LNAPL, showing dissolved plume migrating toward lake. MTBE is more soluble than many compounds in gasoline.

LNAPL = Light non-aqueous phase liquid, gasoline with MTBE floating on water table.
 (There is no figure H.4)