

APPENDIX A

SOURCE WATER TOPICS – provided by U.S. EPA OGWDW

Drinking Water Source

where does drinking water come from: surface water areas, ground water areas?
wells and surface water intakes
what present and future needs are for drinking water supplies?
how source water is treated to be used for drinking water?
how drinking water is distributed after treatment?

Characteristics of Source Water

definitions of source water, ground water and surface water
where and how source water is stored before treatment, including ground water sources and surface water sources?
how source water moves (address movement of ground water and of surface water separately)?
mapping source water areas including ground water and surface water areas?
places where ground water and surface water intersect:
- influence of ground water on surface water sources
- influence of surface water on ground water sources

Source Water Quality

how source water becomes contaminated, including ground water and surface water?
substances that contaminate ground water and surface water sources
consequences of source water contamination: treatment, new sources, purchase, etc.
what can be done once contamination occurs?
how to determine relative importance of contaminants?

Government Source Water Protection Activities

federal and state drinking water protection programs
federal laws and programs to protect source water
state laws and programs to protect source water
1996 Safe Drinking Water Act Amendments: Source Water Assessment Program
role of public involvement in implementation of 1996 Source Water Assessment Program

Citizen and Community Roles

how citizens and communities can protect drinking water sources - wellhead areas, watersheds, land acquisition, etc.?
what you can do in your community to protect source water?
what your community can do to protect source water?
how you can clean up your act at home?
what to do when accidents happen and drinking water sources become contaminated