



PLANT ENVIRONMENTAL ASSESSMENTS

Establish and maintain an environmental assessment of all plant sites.

The assessment will include information on local air and water quality, soil and vegetation sampling, relationships with regulatory agencies, and the effects of our presence on the surrounding environment.

materials of construction and/or cathodic protection to provide assurance against groundwater contamination.

PROGRAM

Environmental assessments, compliance audits and groundwater impact assessments are all part of this guideline and will be completed for all Monsanto plants and laboratory sites.

1. Review environmental assessments and update coincidental with audits and with a maximum cycle of three years.
2. Compliance audits for large sites and environmentally sensitive sites will be conducted on a three-year maximum cycle, with other sites on a five-year maximum cycle. Audit follow-up plans will be reviewed annually.
- 3a. Maintain the Groundwater Seven Point Program at all locations, with annual reviews to address priority concerns.
- 3b. Each manufacturing and research location should, by July 1, 1985, incorporate into their groundwater protection plans inspection, testing and maintenance of facilities with the potential of causing groundwater contamination (such as sewers, process lines, sumps, tanks, loading/unloading areas, etc.). Such actions should be commensurate with the hazards associated with the materials handled.
- 3c. New or replacement facility designs (particularly sewers and lines) should consider aboveground versus double containment and

STATUS/OBSERVATIONS

1. *Environmental Assessments*

- Initial assessments have been completed at 66 of 85 sites worldwide. All major sites have been completed.
- Assessments have been updated at 0 out of 21 sites within the maximum two-year cycle.

2. *Compliance Audits*

- Initial audits have been completed at 69 of 85 sites worldwide. All major plant sites have been completed.
- Re-auditing is completed within the three-year cycle for 15 of 18 sites worldwide.
- Recommended action, from the 1981, 1982, 1983 and 1984 audits are 96%, 96%, 80% and 50% resolved, respectively.

3. *Groundwater Assessments*

- The groundwater impact assessment program is proceeding essentially according to plan and priority concerns are being appropriately addressed. Assessments are in various stages of completion at 57 out of 67 U.S. sites, including all major plant sites. Preliminary groundwater assessments have been completed at 15 out of 19 ex-U.S. sites.

(Revised and Approved: Environmental Policy Committee, June 1985, as Worldwide Environmental Protection Guideline No. 3.)

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