

## Remedying Soil and Groundwater Pollution

Activity results,  
performance data

### Purifying Soil and Groundwater Pollution

| Operational Site                 | Detail   | Current Progress       |
|----------------------------------|--|------------------------|
| Itabashi Plant (Itabashi, Tokyo) | Groundwater pollution by hexavalent chromium and toluene | Continuously monitored |
| Niigata Plant (Shibata, Niigata) | Soil pollution by fluorine and fluorine compounds        | Continuously monitored |

### Remedying Soil Pollution for Redevelopment in Conformance with Applicable Regulations

The Soil Contamination Countermeasures Act of Japan requires remediation work or other countermeasures in the event that a soil investigation detects soil contamination at a site during construction or demolition work of a certain scale (including soil contamination by natural sources in the environment). Site

reconstruction projects are occasionally subject to these legal demands. The Toppan Group has therefore conducted soil investigations in accordance with the act and taken necessary countermeasures when soil contamination has been detected at a Group site.

| Operational Site                     | Chemical Substances Subject to Remediation | Remediation Measures   | Current Progress  |
|--------------------------------------|--|------------------------|---|
| Kawaguchi Plant (Kawaguchi, Saitama) | Lead and lead compounds                    | Excavation and removal | Remediation work, phase 1 completed (Phase 2 work to be completed in September 2021.) |

## Organizing Education

Training,  
education

Toppan arranges three types of training programs on pollution control: general education for every employee at individual Group sites; specific operational training for every employee engaged in operations that cause or could potentially cause significant impacts on the environment; and emergency drills to prevent the spread of damage in the event of a potential emergency.