

Major Projects and Clients

The Oil Industry

Preparation of EIA studies and obtaining environmental clearance from Ministry of Environment and Forests (MoEF)
Environmental clearance from MoEF and NOCs from respective State Pollution Control Boards for 1800 km gas pipeline
Obtaining NOC and Clearance from APPCB & MoEF, New Delhi for Exploration of Oil/Gas
CRZ Clearance and NOC from the State Pollution Control Board for laying pipelines and constructing Gas Processing Plants

Defence Research and Development Organization (DRDO)

Onshore and offshore investigations, Environmental Impact study for setting up a missile launching facility

National Highway Authority of India (NHAI)

Environmental studies and social screening for the upgrading of National Highways including NH-5, 47, 4, 7 and NH-8

Watershed Monitoring and Management System, Canada

Development of a web-enabled enterprise GIS application which consolidates departmental information and provides web-based data uploading, mapping, assessment and reporting services for various biological indicators of watershed health

Sahara India Housing Corporation (SIHC), Lonavala

Environmental impact studies for 5,000 acre township in Maharashtra

Schmetz India Pvt. Ltd., Gandhidham

EIA/EMP & Risk Assessment (RA)/Disaster Management Plan (DMP) studies, obtaining NOC from Karnataka State Pollution Control Board (KSPCB) and Clearance from MoEF, New Delhi for setting up of new manufacturing sewing machine needle unit in Bangalore

EIA/ EMP & RA/DMP studies and obtaining Clearance from MoEF, New Delhi for the expansion of an existing sewing machine needle unit in Gujarat

Other services include:

Design Consultancy and Engineering Services

- Cross Country Pipeline Transportation
- Highway Engineering & Construction Supervision
- Irrigation, Flood Control & Water Management
- Water and Sanitation
- GIS Driven Software Development
- Environment Impact & Management Plan
- Town Planning & Urban Development
- Right of Use Acquisition & Permitting

Investigation and Services

- Engineering, Property and Hydrographic Surveys
- Geotech, Soil Investigation and Foundation Engineering
- Photogrammetry, LIDAR and Satellite Image Processing
- Route Planning, 3D Corridor Mapping, Generation of GIS Database
- Terrain Evaluation and Geological Appraisal
- Ground Water and Resistivity Surveys
- Underwater Leak Detection and Turnkey Solutions
- GIS/CADD Data Conversion, Development and Maintenance



Corporate Office:

147, 7B Road, Export Promotion Industrial Park (EPIP), Whitefield, Bangalore - 66, INDIA
Tel: +91-80-41197778 Fax: +91-80-41194277 E-mail: feedback@secon.in, <http://www.secon.in>
Branch offices: Mumbai, New Delhi, Vadodara, Hyderabad and Tripoli (Libya)

GIS Driven Multidiscipline Engineering Consultancy



Environmental Division

Consultancy Services

- Environmental Impact Analysis (EIA) and Environmental Management Plan (EMP)
- Comprehensive Environmental Engineering Solutions
- Way Leave License, Permissions and Clearances
- Natural Resource Management
- Environmental GIS Data Management
- Alternative Energy and Building Technologies

Environmental Analysis and Solutions

- Water and Air Quality Monitoring
- Physical and Chemical Analysis of Air, Soil, and Water
- Pollution Control
- Baseline Studies for a Range of Clients and Projects
- Sustainable Development Planning
- Turnkey Solutions for Environmental Issues

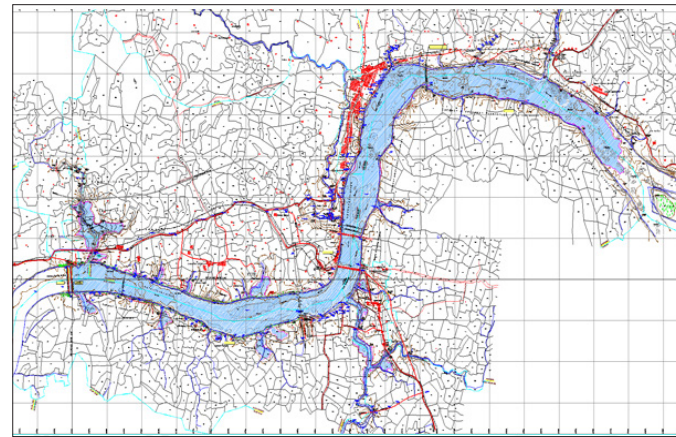


Total Solutions from a Single Window

SECON is an ISO 9001:2008 certified, GIS Driven, Multidiscipline Engineering Company established in 1981 with its headquarters in Bangalore, India. SECON's Head Office is a company owned, 105,000 sq ft building which houses a well trained staff of over 550 - three fourth of whom are qualified engineers. SECON is committed to using our expertise and resources to work for a better environment. We create and maintain comprehensive, project specific databases of information to promote environmentally sound decision making and obtain all necessary permissions and clearances.

Environmental Impact Analysis

- Sampling and testing of air, soil and water as per BIS, Central Pollution Control Board (CPCB) and International Standards
- Hydrological studies such as flow measurements, aquifer depth studies and dam leakage assessments
- Survey and land use mapping
- Geotechnical and Geoenvironmental investigations and services
- Extensive data collection and analysis
- Pollution dispersion modelling
- EIA studies for industry, infrastructure and others
- Environmental Due Diligence Auditing
- Comprehensive reporting



Environmental Management Plan

- Ecological Surveys and Risk Assessments (RA)
- Compliance monitoring for regulatory requirements
- Project site and landscape management plans
- Vegetation, Wildlife and Habitat protection schemes
- Disaster Management Plans (DMP) and contingency plans
- Comprehensive RA, DMP and EMP reporting
- Expert assistance to meet regulatory requirements

Comprehensive Environmental Engineering Solutions

- Design and assessment of wastewater treatment plants
- Pollution monitoring and abatement schemes
- Corrosion assessment and control measures for soil and water
- Design, evaluation and analysis of vital structures such as dams and cyclone protection bunds
- Public health engineering services
- Optimally feasible solutions



Way Leave License, Permissions and Clearances

- No Objection Certificates (NOCs) from Government and local statutory bodies
- Environmental Clearance from the MOEF (Ministry of Environment and Forests) and State Forest Departments
- Other project specific clearances

SECON provides end to end solutions for project clearance and is one of the few truly multi-disciplined consultancies; offering services from baseline studies to data acquisition, analysis of samples in our NABL Accredited lab, and comprehensive reports catering to the needs of the client.

Natural Resource Management

- Management and remediation of water resources
- Lake restoration and wetlands management
- Water recycling and water-saving technologies
- Flora and Fauna Surveys
- Oceanic and Coastal Zone management
- Ecological Restoration of contaminated and barren sites
- Soil studies and erosion control planning
- Landscaping consultancy and tree-transplantation

Environmental GIS Data Management

- Generation of GIS Compatible data
- GIS driven application and software development



Alternative Energy and Building Technologies

- Contour mapping, meteorological monitoring, siting of wind-farms
- Solar, wind and hydroelectric power
- Bio-fuel production, blending and use
- Environmentally friendly and energy efficient design
- Green building materials
- Community involvement and training

Environmental Analysis and Solutions

- NABL Accredited lab (under ISO/IEC 17025) with high-end facilities
- Sampling and analysis of water, air and soil
- Chemical analysis as per internationally accepted standards
- Analysis includes trace metals, fluorides, nitrates and pesticides
- In-house quality control program
- Comprehensive reporting and solutions

Pollution Control

- Assessment of contaminated property and resources
- Assessment and management of noise pollution
- Characterization of waste streams
- Waste collection and treatment
- Siting, design and evaluation of dumping sites
- Spill control and clean-up on both land and water
- Bio-remediation and integrated pollution management
- Process optimization and waste minimization



Baseline Studies for a Range of Projects and Clients

- Baseline environmental studies for projects including cross country pipelines, gas processing plants, dams, small and large scale industries and highways
- Ecological assessments for clients ranging from NGOs to large industries
- Water, Air and Soil analysis with on-site sampling and testing
- Monitoring of noise levels
- Evaluation of impacts to human health and environmental quality

Sustainable Development Planning

- Community Development
- Groundwater investigation and management
- Land use planning



SECON's competency comes from a combination of domain expertise in technical studies and reporting, extensive survey and mapping experience, project design, planning and field investigations gained in over 25 years of managing and consulting for projects around the world. SECON is registered under the Asian Development Bank (ADB) to provide consultancy services.