

Getting to the Core of Your Mining Needs, We:

IDENTIFY solutions to meet project schedules, avoid unnecessary costs and minimize impacts.

ADDRESS all facets of mining: exploration, development, ore processing, permitting, and closure.

CONDUCT site investigations and develop cost effective remedial and restoration programs for contaminated mine sites.

ACHIEVE regulatory compliance and resolve enforcement matters and third-party claims.

Services for the Mining Industry

- Geological Exploration Program Review/Design
- Reserve Estimates & Appraisals
- Feasibility Studies
- Mine Planning & Engineering
- Mine Closure & Reclamation
- Economic, Environmental & Operations Risk Assessments
- Audit/Due Diligence Evaluations
- New Mine & Expansion Permitting – Federal and State
- Underground/Surface Surveying & Mapping
- MSHA Plans & Maps
- Hydrogeologic Investigations
- Water Resource Management
- Contaminant Assessment & Remediation
- Violation Abatement Assistance
- Safety Plans & Training
- Baseline Environmental Surveys
- Environmental Surveys/Studies/Controls
- Mining & Community Relations Services

For more information, please contact:

Ecology and Environment, Inc.
Rick Rudy
rrudy@ene.com | 303-443-3282
www.ene.com



ECSI, LLC
Steven Gardner
jsgardner@engrservices.com | 859-233-2103
www.engrservices.com



Gustavson Associates, LLC
William Crowl
wcrowl@gustavson.com | 303-443-2209
www.gustavson.com



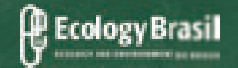
Walsh Engineering Environmental Scientists and Engineers, Inc.
Susan Serreze
sserreze@walshenv.com | 303-443-3282
www.walshenv.com



Gestión Ambiental Consultores SA (GAC)
Ricardo Katz
rkatz@gac.cl | 011/562-236-0886
www.gac.cl



Ecology and Environment do Brasil
Paulo Mario Araujo
paulo.mario@ecologybrasil.com.br | 011/55-21-2108-8700
www.ecologybrasil.com.br



Servicios Ambientales Walsh S.A. (Ecuador)
Mark Thurber
mark.thurber@walsh.ec | 011/593-2-252-8019
www.walsh.ec



Walsh Perú S.A. Científicos Ambientales y Ingenieros (Peru)
Edwin Mitchell
emitchell@walsh.com.pe | 011/511-702-4846
www.walshp.com.pe



Lowham Walsh, LLC
Mike Anderson
manderson@lowhamwalsh.com | 307-335-8466
www.lowhamwalsh.com



E & E Consulting, Inc.
Mamoud Bashi
mbashi@ene.com | 604-558-2224
www.eneconsulting.ca



ECSI LLC Global Mining Solutions

Helping keep pace with regulatory changes and the growing demand for natural resource development

ECSI, LLC is a member of the
ecology and environment, inc.
Family of Companies

Depth of Knowledge, Breadth of Experience

The global mining industry is faced with a difficult challenge: how to maximize growth in an increasingly complex and rigorous regulatory environment. With experience ranging from exploration through closure and reclamation at sites worldwide, E & E's family of companies specializes in the assessment and mitigation of natural resource issues as they relate to mining operations around the world.



We implement cost-effective solutions that save clients time and money, promote fast-track project development while maintaining the integrity of natural resources, and maximize growth and profitability. Our staff of more than 1,100 professionals has the depth of knowledge and breadth of experience to tackle the complex regulatory issues affecting the mining industry.



Local Presence. Global Resources.

E & E has the multidisciplinary resources to provide mining clients with smart, innovative solutions to a full range of natural resource development issues. Employing over 1,100 respected experts in 85 scientific and engineering disciplines, E & E has offices in 41 cities across the U.S. and in 18 locations around the globe.

We offer comprehensive mining services through our subsidiary companies:

ECSI, LLC, Kentucky
Specialists in mining engineering providing services to clients in Kentucky and the surrounding states with a complete understanding of mining methodologies, from exploration and resource estimation to reclamation and closure.

Gustavson Associates, LLC, Colorado
More than 30 years experience serving clients around the world and assisting clients throughout the entire life-cycle of mining operations with on-the-ground experts who provide critical local support.

Walsh Environmental Scientists and Engineers, LLC (Walsh), Colorado
Staff of 70 covers a wide range of technical disciplines and conducts ecological assessment, evaluation, restoration and remediation of mining projects worldwide.

Gestion Ambiental Consultores (GAC), Chile
Services to clients in the mining, energy and manufacturing industries throughout South America, conducting natural resource assessments, EH&S evaluations, and compliance audits.

Ecology and Environment do Brasil, Brazil
Extensive mining exploration experience combining innovative and cost-effective solutions to meet mining clients' economic objectives.

Walsh Ecuador, Ecuador
Comprehensive services for the mining industry, including surveys, biological assessments, and stakeholder consultation. Accredited by the Ecuador Ministry of Energy and Mines as a "Grade A" consultant to the industry.

Walsh Perú, Peru
Full-service consulting firm specializes in providing support to the mining and energy industries. Registered with the Peruvian Ministry of Energy and Mines to perform EIAs.

Lowham Walsh, LLC, Wyoming
Engineering consulting company provides mining services to clients throughout the state of Wyoming.

Ecology and Environment Consulting, Inc., Vancouver
EECI provides consulting services to the international mining and energy industries focused on project planning, permitting and compliance, and environmental impact assessment.

We have completed **Thousands** of mining projects in over **30** countries

United States
ECSI personnel have participated in 7 of the 18 mine seal designs approved by MSHA under new requirements post MINER Act, including the first 120-psi seal to gain approval.

Ehrenfriedersdorf, Germany
Conducted formal pre-audit to identify historical mine sites throughout arsenic-contaminated mining region.

Siberia, Russia
Acted as the "Qualified Person" in the preparation of the Canadian NI 43-101 Technical Report on the Ozherelie and Ykanskoye gold deposits, in Irkutsk Oblast.

Eastern Coalfields, United States
ECSI has completed upwards of 5,000 mining and permitting projects in the Appalachian and Illinois Basin Coalfields.

Tanggu, China
Prepared Feasibility Study to derive accurate estimates of the oil-in-place and permeability distributions for large-scale development drilling and platform design of a billion-plus barrel offshore oil field in the Bohai Gulf of north-eastern China.

Colorado, United States
Responsible for all project-related planning, design, and construction oversight at the Burlington abandoned fluorite mine site.

Colombia
ECSI has performed mine designs and reviewed mines and properties for acquisition.

Kabul, Afghanistan
Directing a new tender program for a large, high grade iron ore deposit 100 km northwest of Kabul as follow-up work from the successful completion of the Aynak Copper Tender. The work is funded by a grant to Afghanistan from The World Bank.

Harare, Zimbabwe
Performed operations audit at Hartley Platinum Mine.

Santiago, Chile
Prepared an environmental impact assessment and developed an ecological restoration program and monitoring and environmental management plan.

Espinar Province, Peru
Conducted an environmental evaluation of the Xstrata Tintaya, S.A. Mine Operations Unit of Xstrata Copper.