

Tailings News Alerts (TNA) November 2021 Vol. 1

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TNA- Tailings News Alerts

Up-to-date News and Information on Tailings Dams and Engineered TSFs

NEWSMAKERS: * Ananea Puno Minería Mine * Aqseptence * BHP * ExcelPlas * Fundão * Germano * Las Palmas * mDetect™ * Newmont * Peru Tailings Failure * SRK Consulting * TNA * TSF * WSP

BREAKING NEWS

Tailings Dam Failure at Ananea Puno Minería, Peru in the foothills of the Andes - 26 November 2021

<https://larepublica.pe/sociedad/2021/11/27/puno-relaves-mineros-inunden-calles-de-ananea-tras-falla-en-infraestructura-vial-lrsd/>

<https://larepublica.pe/sociedad/2021/11/28/puno-lluvias-provocaron-desbordes-de-relaves-mineros-y-causan-estragos-en-ananea-lrsd/>

Dramatic Video Released of Peru Tailings Dam Failure 26th November 2021

<https://cloud.excelplas.com/s/f0clZcMwfyYv5kp>

TAILINGS DAM FAILURES

A Case Study of Las Palmas Tailings Dam Failure

https://link.springer.com/chapter/10.1007/978-981-16-5673-6_6

A Failure Modes and Effects Analysis Framework for Assessing Geotechnical Risks of Tailings Dam Closure [PDF]

<https://www.mdpi.com/2075-163X/11/11/1234/pdf>

Leaking Through Geomembrane Defects Overlain by Tailings

<https://www.sciencedirect.com/science/article/abs/pii/S0266114421001060>

Learning from Nature in Tailings Dam Design

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgeen.21.00001>

Application of a Critical State Model to the Merriespruit Tailings Dam Failure

<https://www.icevirtuallibrary.com/doi/abs/10.1680/jgeen.21.00001>

Environmental Justice and Corporate Social Irresponsibility: the Case of the Mining Company Vale S.A

<https://www.scielo.br/j/asoc/a/P95LHNfndSvCZtHWXZ8LmsC/abstract/?lang=en>

Mexico Denounces the Spill of Mine Tailings in a Tributary of the Pánuco Rver, Concordia

<https://sonplayas.com/comunidad/denuncian-derrame-de-jales-mineros-en-afluente-del-rio-panuco-concordia/>

Preliminary Approved Inventory of Tailings Dams

<https://geomaticaportal.semarnat.gob.mx/arcgisp/apps/webappviewer/index.html?id=95841aa3b6534cdfbe3f53b3b5d6edfa>

Mining leaves toxic dump: 585 tailings dams in Mexico

<https://contralinea.com.mx/mineria-deja-tiradero-toxico-585-presas-de-jales-en-mexico/>

In Mexico there are 585 Tailings Dams: Semarnat

<https://contralinea.com.mx/en-mexico-existen-585-presas-de-jales-semarnat/>

NEW RESEARCH

Tailings Dam Conceptual Design with Geomechanical Material Properties Approach to Determine Safety Criteria

<http://proceeding.researchsynergypress.com/index.php/cset/article/view/398>

Identification of Potential Phytoaccumulator Plants from Tailings Area as a Gold Phytomining Agent

<http://www.jeeng.net/Identification-of-Potential-Phytoaccumulator-Plants-from-Tailings-Area-as-a-Gold-Phytomining.143978.0.1.html>

The Effect of Assumed Residual Strength on Remediation Cost of a Typical Tailings Dam

<https://www.researchgate.net/profile/Mason-Ghafghazi/publication/355782936-Sarantonis-et-al-2020---A-Parametric-Study-on-the-Effect-of-Assumed-Resi/links/617db5263c987366c3094acd/Sarantonis-et-al-2020-A-Parametric-Study-on-the-Effect-of-Assumed-Resi.pdf>

Waste Management of Disaster Affected Areas from the Zinc-Lead Enterprise

https://link.springer.com/chapter/10.1007/978-981-16-7160-9_123

Sustainable Tailings Management: Improvement of Tailings Geotechnical Behaviour Using Bio-additives

https://espace.library.uq.edu.au/data/UQ_3409e01/S44118020_final_thesis.pdf?dsi-version=aa6afb6404fd98b2d40832d233ef3bcb&Expires

Integrated Three-dimensional Laser Scanning Implementation for Monitoring Tailings Dams

https://papers.acg.uwa.edu.au/p/2135_09_Monreal/

Hydration Characteristics Investigation of Iron Tailings Blended Ultra High Performance Concrete: The Effects of Mechanical Activation and Iron Tailings Content

<https://www.sciencedirect.com/science/article/pii/S2352710221013176>

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This Newsletter is brought to you by Excelplas Labs, Australia's Largest group of Polymer Testing Labs.

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