



# Dams and TSFs of Iron Ore Solutions in Brazil

Update on May 21, 2026

Structure name	Business	Site	City	State	Purpose	Operational Status	Construction method	The structure is a mining dam and complies with the criteria of Law 12.334 of ANM?	Current Declaration of Condition of Stability (DCE) according to Resolution 95 of ANM	Current Declaration of Compliance and Operational (DCO) according to Resolução 95, ANM	Emergency level
1 Mina	Iron Ore Solutions	North	Canaã dos Carajás	Pará	Sediments	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
1 Usina	Iron Ore Solutions	North	Canaã dos Carajás	Pará	Sediments	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
2	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Sediments	Inactive	Centreline	No	Not applicable	Not applicable	No emergency level
3 Mina	Iron Ore Solutions	North	Canaã dos Carajás	Pará	Sediments	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
5 - MAC	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Tailings	Inactive	Downstream	Yes	Positive	Positive	No emergency level
5 - Mutuca	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Tailings	Operation	Downstream	Yes	Negative	Positive	No emergency level
6	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Negative	Positive	No emergency level
7A	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
7B	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Inactive	Single Stage	Yes	Not applicable	Not applicable	No emergency level
A - PDE Nordeste	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Sediments	Inactive	Single Stage	No	Positive	Positive	No emergency level
Alcindo Vieira	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	In de-characterization	Downstream	Yes	Positive	Not applicable	No emergency level
Alto Jacutinga	Iron Ore Solutions	South	Congonhas	Minas Gerais	Sediments	Operation	Centreline	Yes	Positive	Positive	No emergency level
Área IX**	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	No emergency level
Azul	Iron Ore Solutions	North	Parauapebas	Pará	Tailings	In de-characterization	Downstream	Yes	Positive	Positive	No emergency level
B	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Inactive	Single Stage	Yes	Positive	Positive	No emergency level
B3	Iron Ore Solutions	Southeast	São Gonçalo do Rio Abaixo	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
B6	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
B7	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Not applicable	No emergency level
Baixo João Pereira	Iron Ore Solutions	South	Congonhas	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Barnabé	Iron Ore Solutions	South	Congonhas	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Barnabé 1	Iron Ore Solutions	South	Congonhas	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Barragem 7	Iron Ore Solutions	South	Jeceaba	Minas Gerais	Tailings	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Barragem RNV	Not applicable	Reserva Natural Vale	Linhares	Espirito Santo	Water	Operation	Single Stage	No	Positive	Positive	No emergency level
Borrachudo	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Borrachudo II	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
C - PDE Nordeste	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Sediments	Inactive	Single Stage	No	Not applicable	Not applicable	No emergency level
Caetano Lopes	Iron Ore Solutions	South	Congonhas	Minas Gerais	Water	Inactive	Single Stage	No	Positive	Positive	No emergency level
Cambucal I	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	In de-characterization	Downstream	Yes	Positive	Positive	No emergency level
Cambucal II	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Campo Grande****	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	No emergency level
Capão da Serra	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Capim Branco	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Sediments	Inactive	Downstream	Yes	Not applicable	Not applicable	No emergency level
Captção (Capanema)	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Water	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
Captção (Simões Filho)	Not applicable	Pelletizing and Manganese	Simões Filho	Bahia	Water	Inactive	Single Stage	No	Not applicable	Not applicable	No emergency level
Captção Córrego das Almas	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Water	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
Captção Trovões	Iron Ore Solutions	South	Rio Acima	Minas Gerais	Water	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
Cemig I	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Cemig II	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Cianita 1	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Cianita 2	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Cianita 3	Iron Ore Solutions	South	Itabirito	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Dicão	Iron Ore Solutions	Southeast	São Gonçalo do Rio Abaixo	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Dicão Leste	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Operation	Single Stage	Yes	Negative	Positive	Warning level
Diogo	Iron Ore Solutions	Southeast	Rio Piracicaba	Minas Gerais	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Dique 1	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
Dique de concreto**	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Water	Inactive	Single Stage	No	Not applicable	Not applicable	No emergency level
Dique de Pedra	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	Inactive	Single Stage	Yes	Positive	Positive	No emergency level
Dique Portaria	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Operation	Single Stage	No	Not applicable	Not applicable	No emergency level
Doutor	Iron Ore Solutions	Southeast	Ouro Preto	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Not applicable	Not applicable	No emergency level
ED Monjolo	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Not applicable	Not applicable	No emergency level
ED Vale das Cobras	Iron Ore Solutions	Southeast	Rio Piracicaba	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Not applicable	Not applicable	No emergency level
Elefante***	Iron Ore Solutions	Southeast	Rio Piracicaba	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Negative	Positive	No emergency level
Estéril Sul	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Fazendinha	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Sediments	Inactive	Downstream	No	Positive	Positive	No emergency level
Forquilha I	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	Level 02
Forquilha II	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	Level 02
Forquilha III	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Not applicable	Not applicable	Level 02
Forquilha IV	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	Inactive	Centreline	Yes	Negative	Positive	Warning level
Forquilha V	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Tailings	Inactive	Single Stage	Yes	Negative	Positive	No emergency level
Galego	Iron Ore Solutions	Southeast	Sabarã	Minas Gerais	Tailings	Inactive	Downstream	Yes	Negative	Positive	No emergency level
Gambá	Iron Ore Solutions	South	Congonhas	Minas Gerais	Sediments	Operation	Single Stage	No	Positive	Positive	No emergency level
Geladinho	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Gelado	Iron Ore Solutions	North	Parauapebas	Pará	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Horizontes	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
II	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
III	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Negative	Positive	Warning level
Itabiruçu	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Jacaré	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Jirau	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
Kalunga	Iron Ore Solutions	North	Parauapebas	Pará	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Lagoa Azul	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Water	Inactive	Single Stage	No	Positive	Positive	No emergency level
Maravilhas I	Iron Ore Solutions	South	Itabirito	Minas Gerais	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Maravilhas II	Iron Ore Solutions	South	Itabirito	Minas Gerais	Tailings	Inactive	Downstream	Yes	Positive	Positive	No emergency level
Maravilhas III	Iron Ore Solutions	South	Itabirito	Minas Gerais	Tailings	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Marés I	Iron Ore Solutions	South	Belo Vale	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Marés II	Iron Ore Solutions	South	Belo Vale	Minas Gerais	Sediments	Inactive	Centreline	Yes	Negative	Positive	No emergency level
Mata Porcos	Iron Ore Solutions	South	Itabirito	Minas Gerais	Water	Inactive	Single Stage	No	Positive	Positive	No emergency level
Menezes I	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
Menezes II	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
Monjolo	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Sediments	Operation	Downstream	Yes	Not applicable	Not applicable	No emergency level
Mosquito	Iron Ore Solutions	Southeast	Catas Altas	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Natividade	Iron Ore Solutions	Southeast	Ouro Preto	Minas Gerais	Water	Inactive	Single Stage	No	Positive	Positive	No emergency level
Norte/Laranjeiras	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Tailings	Inactive	Single Stage	Yes	Positive	Positive	Level 01
PDE 3	Iron Ore Solutions	Southeast	São Gonçalo do Rio Abaixo	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
PDE Engano	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Inactive	Single Stage	No	Not applicable	Not applicable	No emergency level
PDE Fosforoso	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Operation	Single Stage	Yes	Negative	Positive	No emergency level
PDE Lagoa Seca	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Inactive	Downstream	No	Positive	Positive	No emergency level
PDE Permanente I	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
PDE Permanente II - Fase I	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
PDE2	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Peneirinha	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Tailings	In de-characterization	Centreline	Yes	Positive	Positive	No emergency level
Pera Jusante	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Pera Montante***	Iron Ore Solutions	North	Parauapebas	Pará	Sediments	In de-characterization	Single Stage	No	Not applicable	Not applicable	No emergency level
Piabas	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Pocilga	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Sediments	Inactive	Single Stage	No	Positive	Positive	No emergency level
Porteirinha	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Sediments	Operation	Downstream	Yes	Not applicable	Not applicable	No emergency level
Prata	Iron Ore Solutions	South	Ouro Preto	Minas Gerais	Sediments	Operation	Single Stage	No	Positive	Positive	No emergency level
Principal	Iron Ore Solutions	Southeast	Santa Bárbara	Minas Gerais	Sediments	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Quinzinho	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Rio do Peixe (Barragem)	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Tailings	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Santana	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Sediments	Operation	Downstream	Yes	Positive	Positive	No emergency level
Sistema Conceição*	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	No emergency level
Sistema Pontal*	Iron Ore Solutions	Southeast	Itabira	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	Level 01
Sul (Córrego do Canal)	Iron Ore Solutions	Southeast	São Gonçalo do Rio Abaixo	Minas Gerais	Tailings	Operation	Downstream	Yes	Positive	Positive	No emergency level
Sul Inferior	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	Warning level
Sul Pilha	Iron Ore Solutions	North	Canaã dos Carajás	Pará	Sediments	Operation	Single Stage	No	Positive	Positive	No emergency level
Sul Superior	Iron Ore Solutions	Southeast	Barão de Cocais	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Negative	Positive	Level 02
Taquaras	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Sediments	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Timbopeba	Iron Ore Solutions	Southeast	Ouro Preto	Minas Gerais	Tailings	Operation	Single Stage	Yes	Positive	Positive	No emergency level
Torto	Iron Ore Solutions	Southeast	São Gonçalo do Rio Abaixo	Minas Gerais	Tailings	Operation	Single Stage	Yes	Not applicable	Not applicable	No emergency level
Vargem Grande	Iron Ore Solutions	South	Nova Lima	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Negative	Positive	No emergency level
VI	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Tailings	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
VII	Iron Ore Solutions	South	Brumadinho	Minas Gerais	Sediments	In de-characterization	Single Stage	Yes	Positive	Positive	No emergency level
Xingu	Iron Ore Solutions	Southeast	Mariana	Minas Gerais	Tailings	In de-characterization	Upstream	Yes	Positive	Positive	Level 01

\*The internal/seal dikes of the Pontal System (Dike 2, Dike 4, Dike 5, Dike 5, Cordão Nova Vista, Minervino), Conceição System (1A, 1B) and System 5 - MAC (Auxiliary), are not accounted for independently, as determined by Resolution 95/2022 and Decree 48,140/2021. These structures are raised by the upstream method and are part of the de-characterization program, 7 of which have already had their works completed and are in the process of being evaluated and de-registered with the regulatory agencies. The main dams of these systems (5 MAC Dam, Pontal Dam and Conceição Dam) are not Upstream structures and are not part of the de-characterization program.

\*\*Complete de-characterization works. Pending consent from Regulatory Bodies.

\*\*\*Decharacterized dam in active monitoring.