



# CENTRAL & KLERKSDORP DISTRICT

THE ASSOCIATION ON MINE RESIDENT ENGINEERS AT THE CENTRAL & KLERKSDORP DISTRICT WILL HOST THE FIRST MEETING OF THE YEAR AT WEST WITS HARMONY VILLAGE, CRICKET CLUB , CARLETONVILLE ON THE 11TH OF APRIL 2024 AT 08:00.

**11 APRIL 2024**



There is limited space for engineers who want to join the technical site visit to see Tailings Storage Facilities (TSF's) . Please RSVP before the 5th of April 2024

Tailings Storage Facilities (TSF's) are **purposely designed, engineered and constructed structures to permanently store tailings**. The primary purpose of a TSF is to safely contain tailings by allowing the sands to settle, consolidate and dewater. The water is recycled back to the processing plant for reuse.

How to maintain TSF?

What is the legal requirement?

What is the responsibility of the Engineer?

Pumping of non Newtonian fluids—dealing with high viscous	Jaco Snyman
Reverse Pumping principles	Louis van Wyk
Digital Mini HIRA	Maxwell

**RSVP: Clair Nel** by the 07th of April 2024

**E: [Clair.Nel@goldfields.com](mailto:Clair.Nel@goldfields.com)**

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# CENTRAL & KLERKSDORP DISTRICT

## 11 APRIL 2024

Time: 08H00 - 13H30

## PROGRAMME

08:00 - 08:30	Arrival (Meet & Greet) and Coffee	All
08:30 - 08:40	Welcome and Introductions	Louis Turvey
08:40 - 08:45	Safety Share	All
<b>PRESENTATIONS</b>		
08:45 - 09:30	TSF	Intasol & Harmony
09:30 - 10:15	Pumping of non Newtonian fluids—dealing with high viscous slurry	Jaco Snyman
10:15 - 10:30	Reverse Pumping principles	Louis van Wyk
10:30 - 10:45	<b>Break</b>	
10:45 - 11:30	Digital Mini HIRA	Maxwell
11:30-12:00	General and Next meeting Panning	All
12:00 - 12:30	Site Visit Preparations for site Visit	All
12:30 –13:00	Lunch and Networking	All
13:00-14:00	Site Visit (Drive-Through) at Tailings dam and Networking	All

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**PLEASE TAKE NOTE OF THE FOLLOWING STRICT REQUIREMENTS FOR THE  
TECHNICAL SITE VISIT AT TAILINGS DAMS, HARMONY GOLD**

**All members must:**

Bring full PPE for the purpose of visiting the work areas. For example, reflective vests, dust mask, ear protection, eye protection, hard hats, steel toe capped safety boots, etc.

**ENSURE THE MEETING'S SUCCESS BY ATTENDING AND EXTENDING INVITATIONS TO OUR COLLEAGUES.**



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