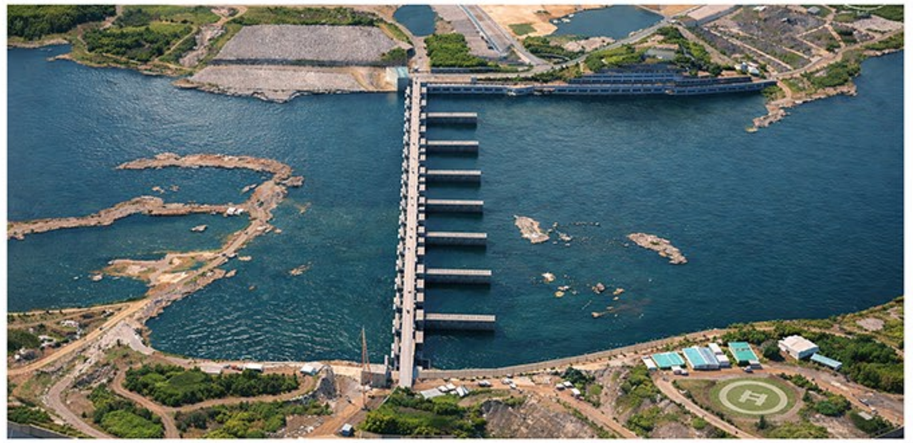
CENTRE FOR LIBERTY

పోలవరం నిర్మాణంలో నాణ్యతా లోపాలు

కప్పిపుచ్చే ప్రయత్నాలు

02-03-2026

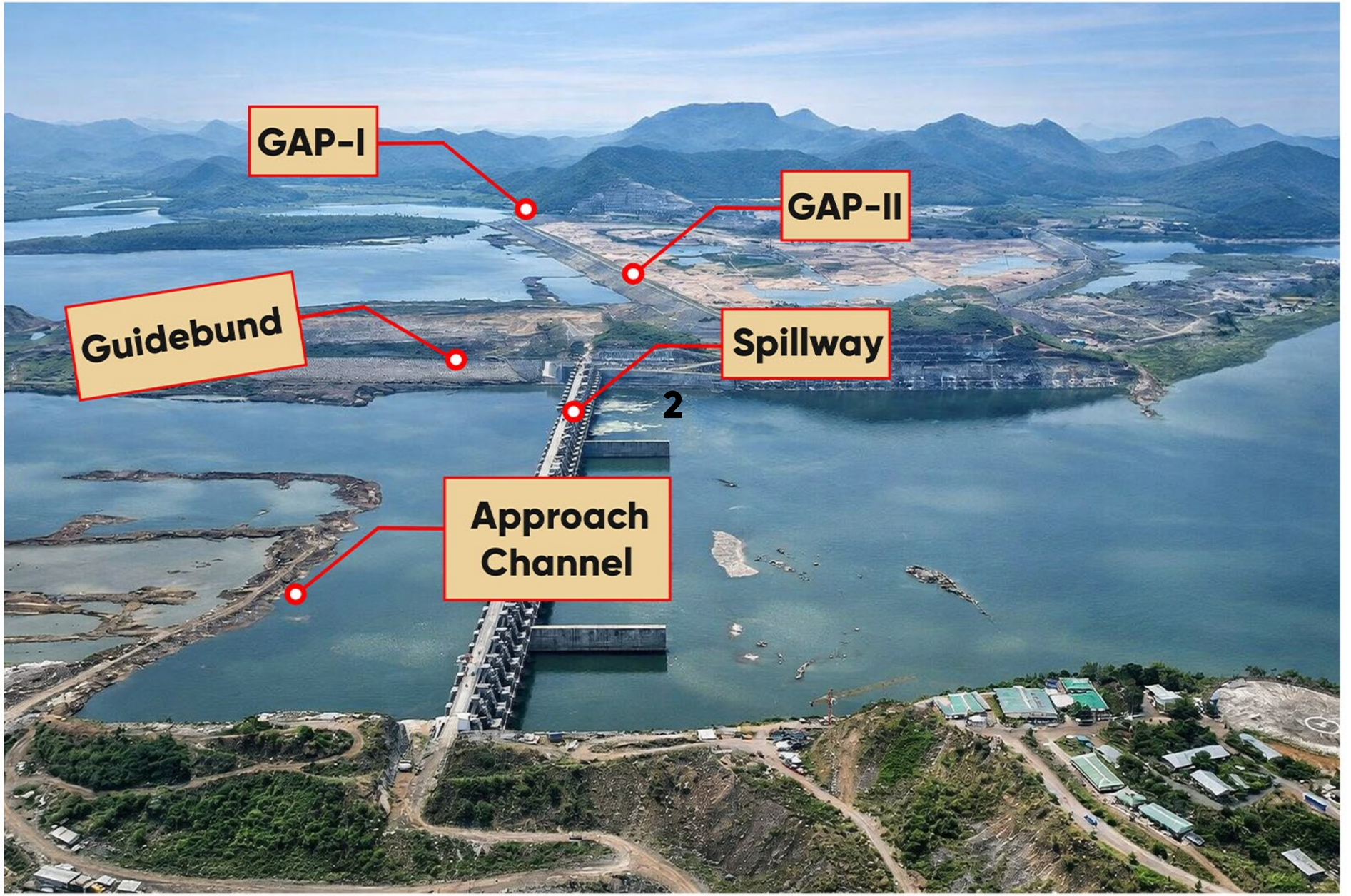
మీడియా సమావేశం, విజయవాడ



పోలవరం నిర్మాణంలో నాణ్యతా లోపాలు

1. నాసిరకం కాంక్రీట్
2. డయాఫ్రం వాల్ ఎత్తు
3. GAP - 1 లోతు
4. గైడ్ బండ్ నిర్లక్ష్యం
5. స్పిల్ వే అప్రోచ్ అర్థాంతం

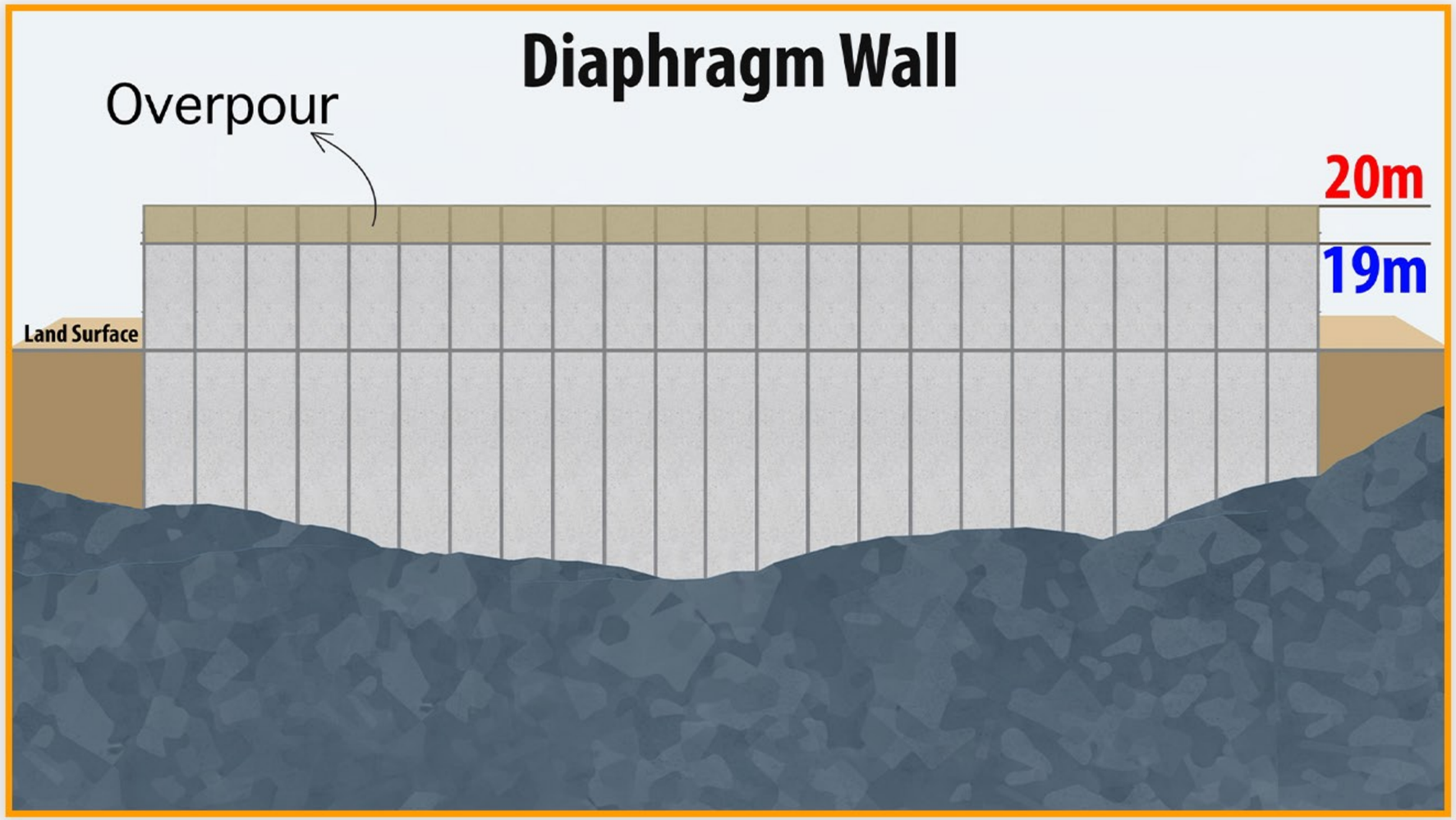
పోలవరం ప్రాజెక్ట్



1. నాసిరకం కాంక్రీట్

1(A). నాసిరకం కాంక్రీట్

15 నుంచి 85 మీటర్ల లోతు గోడ ప్లాస్టిక్ కాంక్రీట్‌తో కడతారు



1(B). నాసిరకం కాంక్రీట్

ప్రతి రోజు బ్లీడింగ్ జరిగింది

Bauer D-Wall Presentation

Some statement provide during the presentation given by Bauer on August 30, 2025, need to be clarified as per the following:

With reference to the provision of an Additional Measurement System CIS:

- The PoE has never recommended the requirement of an additional measurement system (defined by Bauer as CIS)
- No mention of the CIS system was provided in any of the correspondence or documentation received by the PoE including in the Bauer Method Statement.

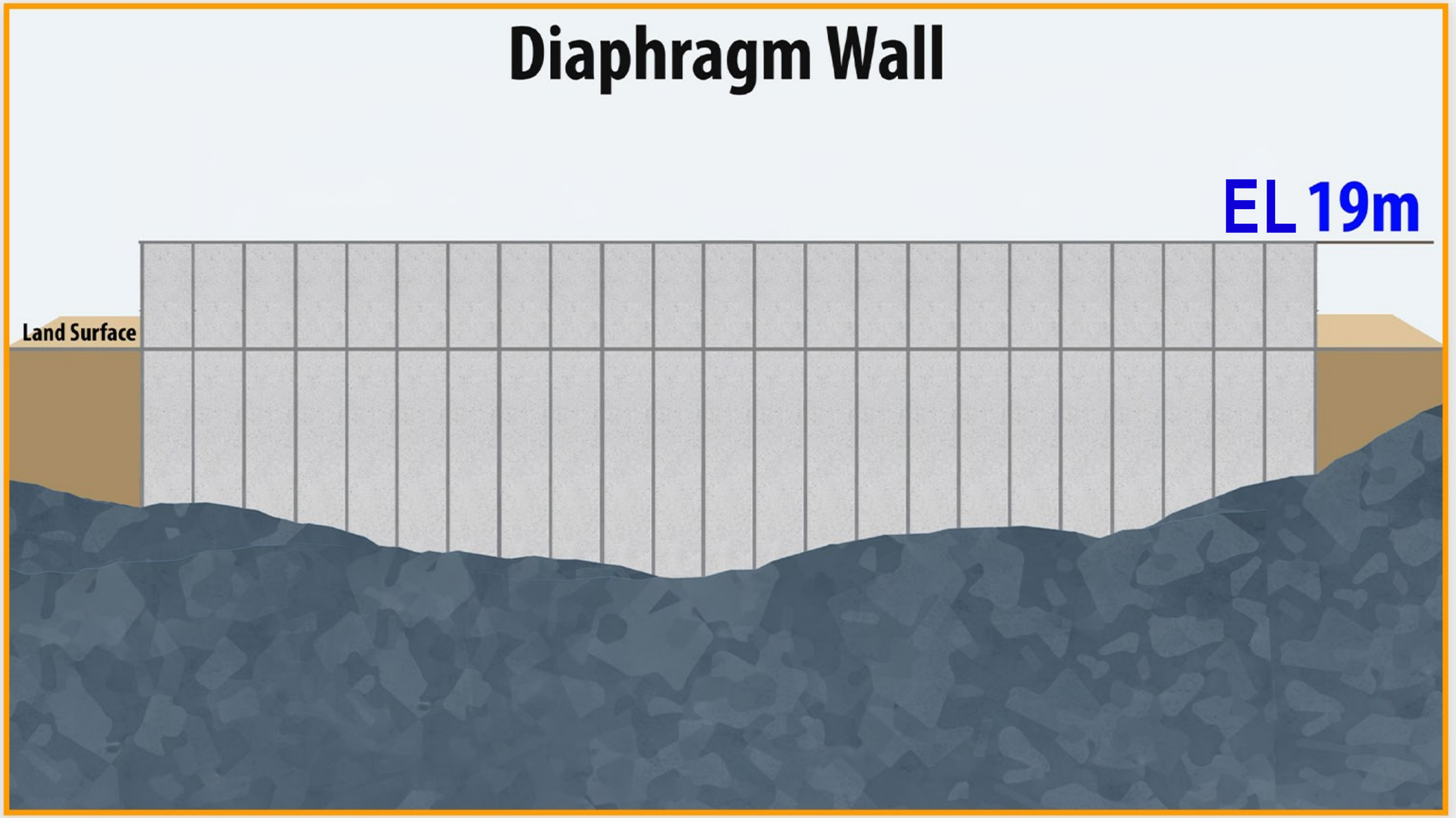
- The PoE continues to suggest that the Koden information be compared to the cutter electronic data recorded during excavation in order to validate the report submitted (that should be generated based on the data retrieved form the cutter).

With reference to Concrete Bleeding:

- Bauer statement that concrete bleeding is "observed on daily basis" should be verified if is correct. As previously requested, the project should a prepare a detailed report to determine possible correlations between all the panels where the issues has been recorded.

SOURCE: POLAVARAM IRRIGATION PROJECT, PANEL OF EXPERTS REPORT NO. 5, PAGE 87 OF 139

1(c). నాసిరకం కాంక్రీట్



1(D). నాసిరకం కాంక్రీట్

POE5: 3.5 మీటర్ల ఎత్తు గోడ మట్టి తొలగించి చూపించండి

Polavaram Irrigation Project
Panel of Experts (PoE) Observations

Report No. 24-02005-M-026 Rev 0

overpour as needed to ensure the quality of the concrete below EL. 19.0 m, as discussed and accepted by Bauer. It is disappointing to be informed at this time that the quality is unsatisfactory. At minimum, the PoE feels that the Project needs to inspect and document (in a report) the quality of the upper D-wall. This report should include photographs showing the exposed top-of-D-wall (i.e. from EL. 15.5 m to top) with chainage markers. The report should also include physical tests, including coring and Schmidt hammer tests and cross-wall sonic logging, where possible. That report will provide a basis for the new top elevation. As discussed below, cutting the wall down to EL. 18.5 m (or possibly EL. 18 m) poses problems, which must be addressed.

SOURCE: REPORT NO. 24-02005-M-026 REV 0, PAGE 8 OF 12

1(E). నాసిరకం కాంక్రీట్

కప్పిపుచ్చే ప్రయత్నం

SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 7 OF 50

1(F). నాసిరకం కాంక్రీట్

కప్పిపుచ్చే ప్రయత్నం

SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 7 OF 50

2. డయాఫ్రం వాల్ ఎత్తు

2(A). డయాఫ్రం వాల్ ఎత్తు

PoE 5 : వ్యర్థాలు తేలటానికి అవసరానికి మించి పోయాల్సిన ఎత్తుకు కాంక్రీట్ పోయ్యలేదు

documented that uncertainty regarding the top elevation of the D-wall is due to poor quality plastic concrete above that level. Considering Table 3, the PoE feels that plastic concrete should have been

Polavaram Irrigation Project
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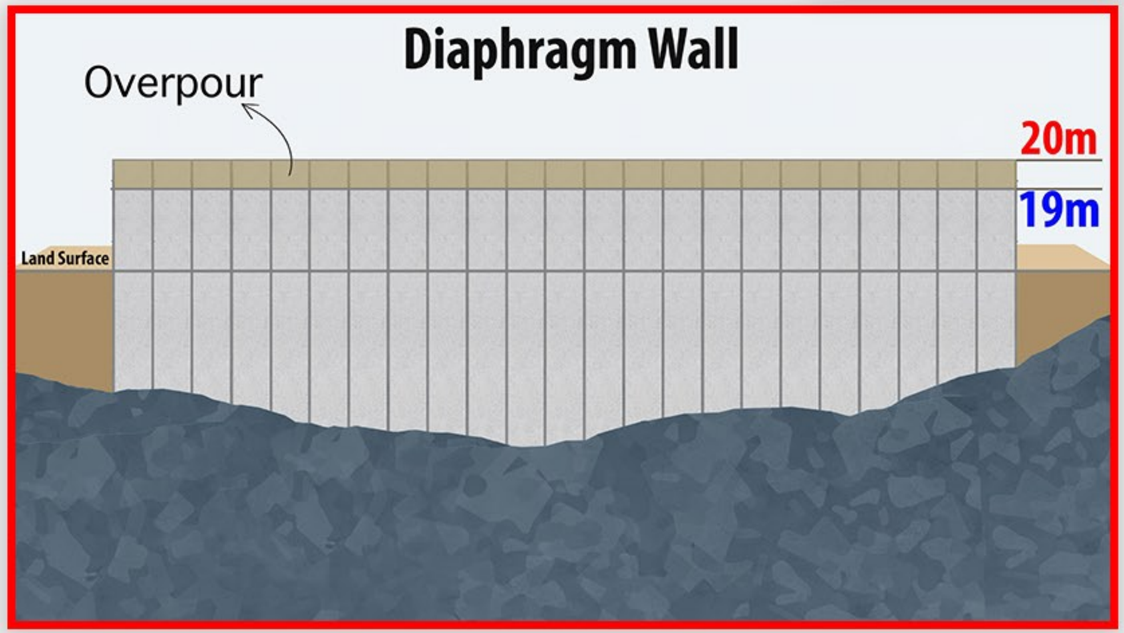
overpour as needed to ensure the quality of the concrete below EL. 19.0 m, as discussed and accepted by Bauer. It is disappointing to be informed at this time that the quality is unsatisfactory. At minimum, the PoE feels that the Project needs to inspect and document (in a report) the quality of the upper D-wall. This report should include photographs showing the exposed top-of-D-wall (i.e. from EL. 15.5 m



SOURCE: REPORT NO. 24-02005-M-026 REV 0, PAGE 8 OF 12

2(B). డయాఫ్రం వాల్ ఎత్తు

PoE 6 : అంతా బాగుంది

The following statements were verbally received:

Rock Embedment

- The 2m embedment in sound rock was confirmed for each panel measured from when both cutter wheels were in rock and only rock fragments appeared at the desander discharge.

3D Verification of the D-Wall

- Koden data was compared to the cutter electronic records during excavation to verify the required verticality and overlapping.

Evaluation of Exposed Panels with Bleeding Issues

- No deficiencies such as mix segregation, voids, or non-compliant concrete were found either on the D-Wall face or below the original design elevation (El. 19).

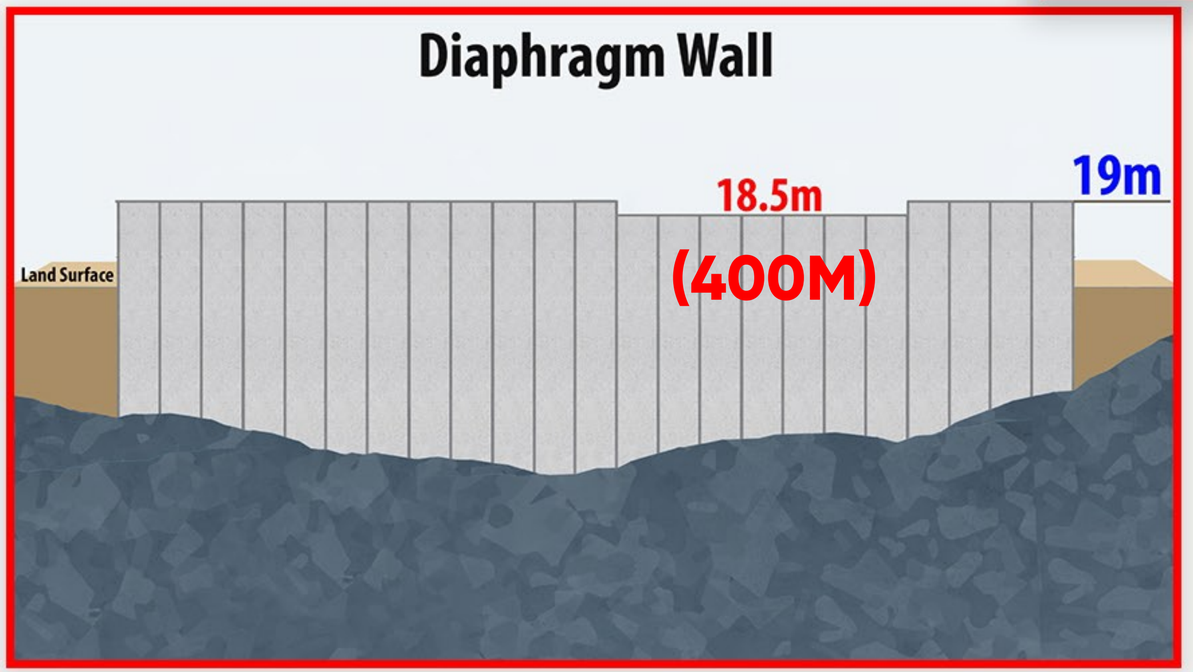
SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 5 OF 50

2(C). డయాఫ్రం వాల్ ఎత్తు

PoE 5 : నాణ్యత లేక 19 మీటర్ల ఎత్తు గోడను 18.5 మీటర్ల ఎత్తుకి కుదించారు

Polavaram Irrigation Project
Panel of Experts (PoE) Observations — Report No. 24-02005-M-026 Rev 0

overpour as needed to ensure the quality of the concrete below EL. 19.0 m, as discussed and accepted by Bauer. It is disappointing to be informed at this time that the quality is unsatisfactory. At minimum, the PoE feels that the Project needs to inspect and document (in a report) the quality of the upper D-wall. This report should include photographs showing the exposed top-of-D-wall (i.e. from EL. 15.5 m to top) with chainage markers. The report should also include physical tests, including coring and Schmidt hammer tests and cross-wall sonic logging, where possible. That report will provide a basis for the new top elevation. As discussed below, cutting the wall down to EL. 18.5 m (or possibly EL. 18 m) poses problems, which must be addressed.

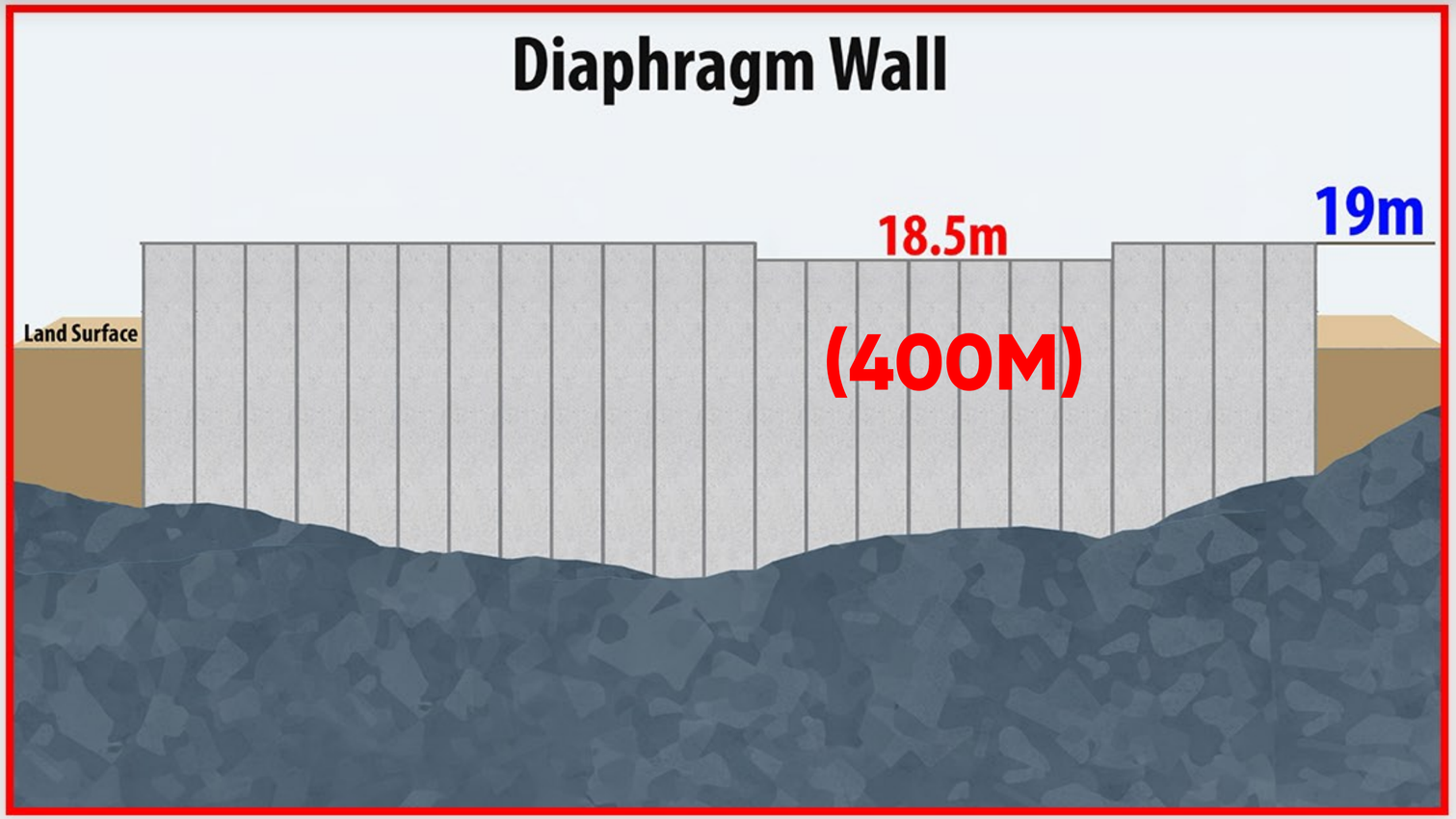


SOURCE: SOURCE: REPORT NO. 24-02005-M-026 REV 0, PAGE 8 OF 12

2(D). డయాఫ్రం వాల్ ఎత్తు

PoE 5 : 400 మీటర్లు గోడ ఎత్తుని కుదించారు

embedment criteria for D wall adopted was presented. It was also informed that the top of D wall has already been cut down to elevation +18.5m, for about 400m in length, out of the total length of ~1400m of D wall.



CWC LETTER NO. T-13012/1/2018-EMBK(NWS) DATED 9/2/2026, PAGE 2 OF 3

2(E). డయాఫ్రం వాల్ ఎత్తు

PoE 6 : కుదించాల్సిన అవసరం లేదు

Additional Comments/Recommendations

- Approximately 400 m of the D-Wall have been cut-off at El. 18.5m.
- Based on the project statement that no defects have been observed at the top of the D-Wall when exposed, it is recommended to maintain the cut-off elevation at El. 19 for the rest of the D-Wall. This would adhere to the original design outlined in the November 2024 meeting minutes (recorded during visit no. 2) and the PoE email dated September 14th, 2025. Less clay will need to be excavated, placed, and compacted.

SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 21 OF 50

2(F). డయాఫ్రం వాల్ ఎత్తు

కప్పిపుచ్చే ప్రయత్నం

అదే గోడ ముందు ఎలా నాణ్యత లేదు
ఇప్పుడు ఎలా వుంది ?

2(G). డయాఫ్రం వాల్ ఎత్తు

ఎలా సాధ్యం ?

గోడ అదే

ఆగస్ట్ 2025 లో
18.5M/18.0M కుదించాలి

జనవరి 2026 లో 19M ఉండవచ్చు

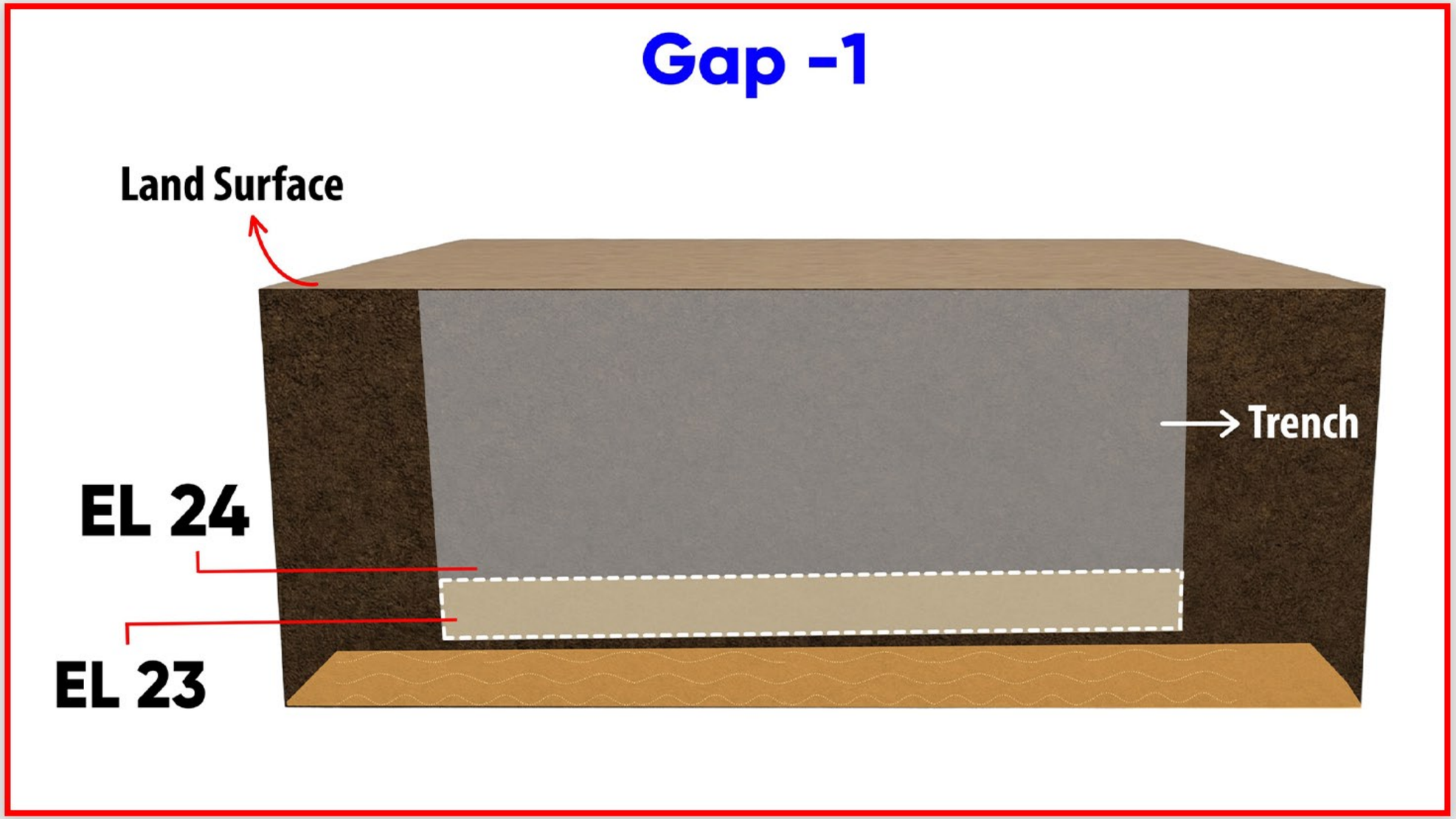
ఎలా సాధ్యం ?

“PROJECT” చెప్పింది

3. GAP –1 లోపల

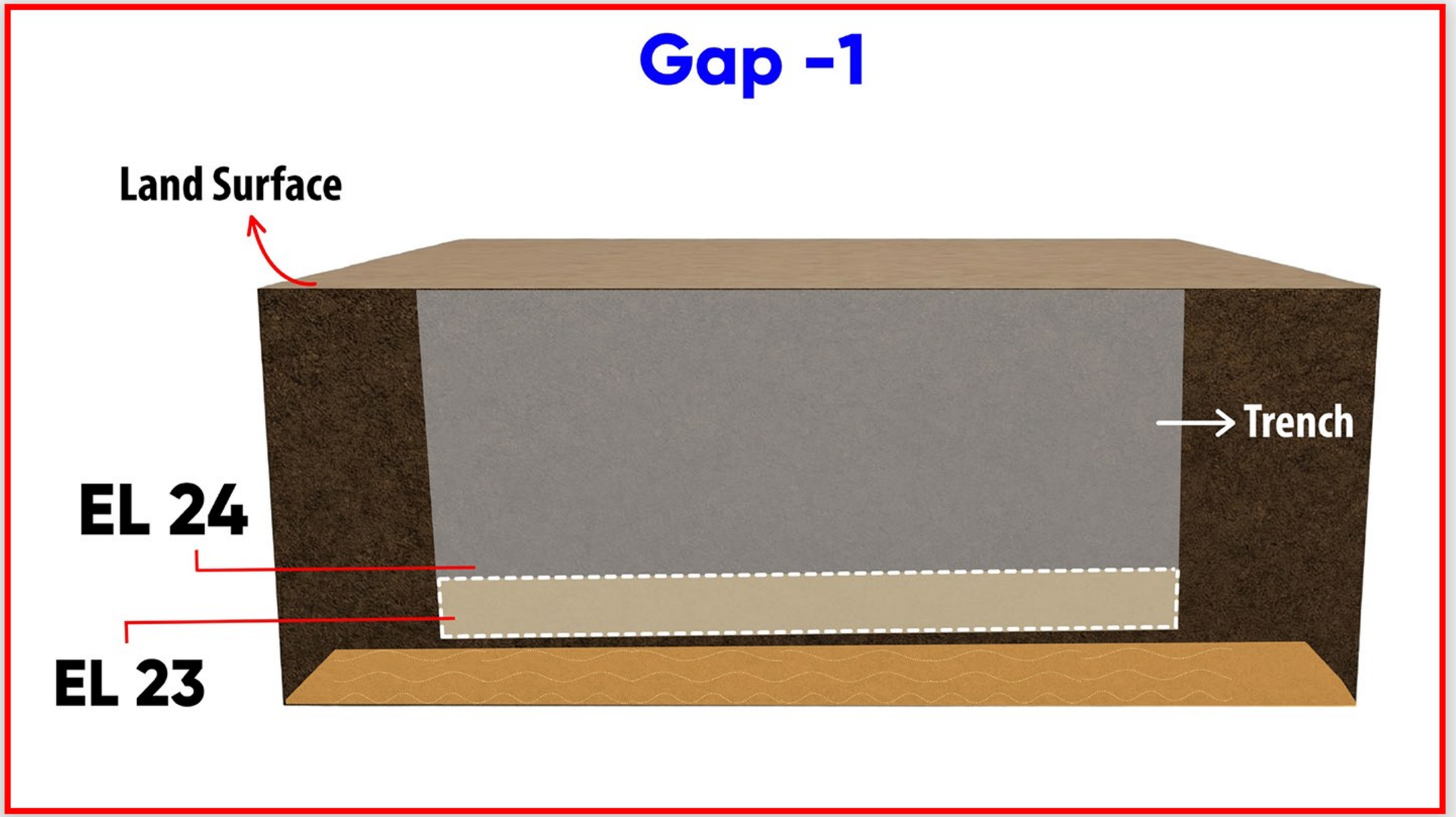
3(A).GAP -1 లోతు

తవాల్సిన లోతు EL23 మీటర్లు



3(B).GAP -1 లోతు

తవ్వింది ? EL 24 మీటర్లు (మీటరు తక్కువ తొవ్వారు)



3(C).GAP -1 లోతు

అనుమతి తీసుకోలేదు... ఎందుకు మీటరు తక్కువ తొవ్వారో వివరణ ఇవ్వలేదని ఆగ్రహం వ్యక్తం చేసింది

a. Cut-off Trench bed level has been revised from EL 23.00 m in already approved drawing to EL 24.00 m in revised submission without providing any justification. This revision was neither suggested by CWC nor was it highlighted as a revision.

b. Plastic clay cap size has been increased in revised drawings in comparison to the earlier approved drawings. This was not highlighted in revised drawings nor suggested by CWC.

18-EMBK(NWS) DTE I/23

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जलआयोग
तटबन्ध (उत्तर-पश्चिमएवंदक्षिण) निदेशालय

सत्यमेव जयते

Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
Embankment (NW&S) Directorate

c. In revised drawings, new transition zone (2C) has been added downstream of d/s inclined coarse filter which was not present in earlier approved drawings. This was not highlighted in the drawings nor any filter compatibility check submitted for the same.

d. Gradation of rockfill has been changed (making it much finer) from the one approved earlier without proper justification. Moreover, it does not meet the requirements for rockfill material laid out in CWC letter dated 27.10.2025.

e. Setting out point 'A6' has been changed without proper justification.

f. Several notes were also changed without marking the revisions which was uncalled for.

This practice needs to stop immediately as it also delays in clearance at CWC.

SOURCE: CWC LETTER NO. T-13012/1/2018-EMBK(NWS) DATED: 17-12-2025, PAGE 2 OR 3

4. గైడ్ బుక్ నిర్మాణం


Guidebund
Spillway

4(A). గైడ్ బండ్ నిర్లక్ష్యం

2023 లో కుంగిపోయింది

4(B). గైడ్ బండ్ నిర్లక్ష్యం

అత్యవసరంగా కొత్త గైడ్ బండ్ నిర్మాణం జరగాలి

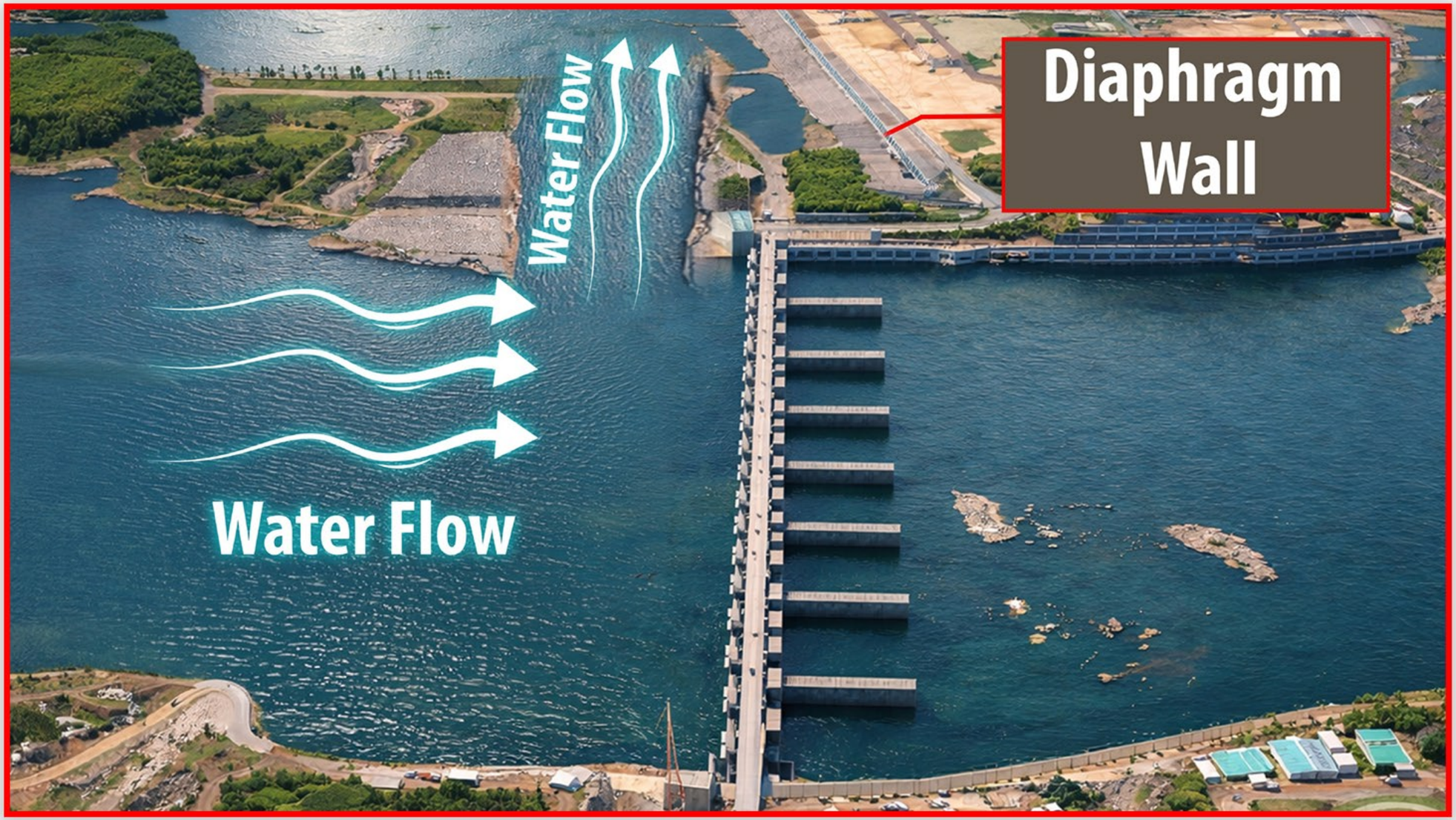
The Guide Bund remediation will require the design and construction of a new D-Wall, the removal of the failed, old, D-Wall together with the possible re-alignment of the wall. The PoE is recommending the following considerations:

While understanding that the most important part of the Project is to complete the dam portion by December 2027, the PoE strongly suggests addressing ASAP all the spillway related items, and particularly the Guide Bund.

SOURCE: POLAVARAM IRRIGATION PROJECT, PANEL OF EXPERTS REPORT NO. 5, PAGE 68 OF 139

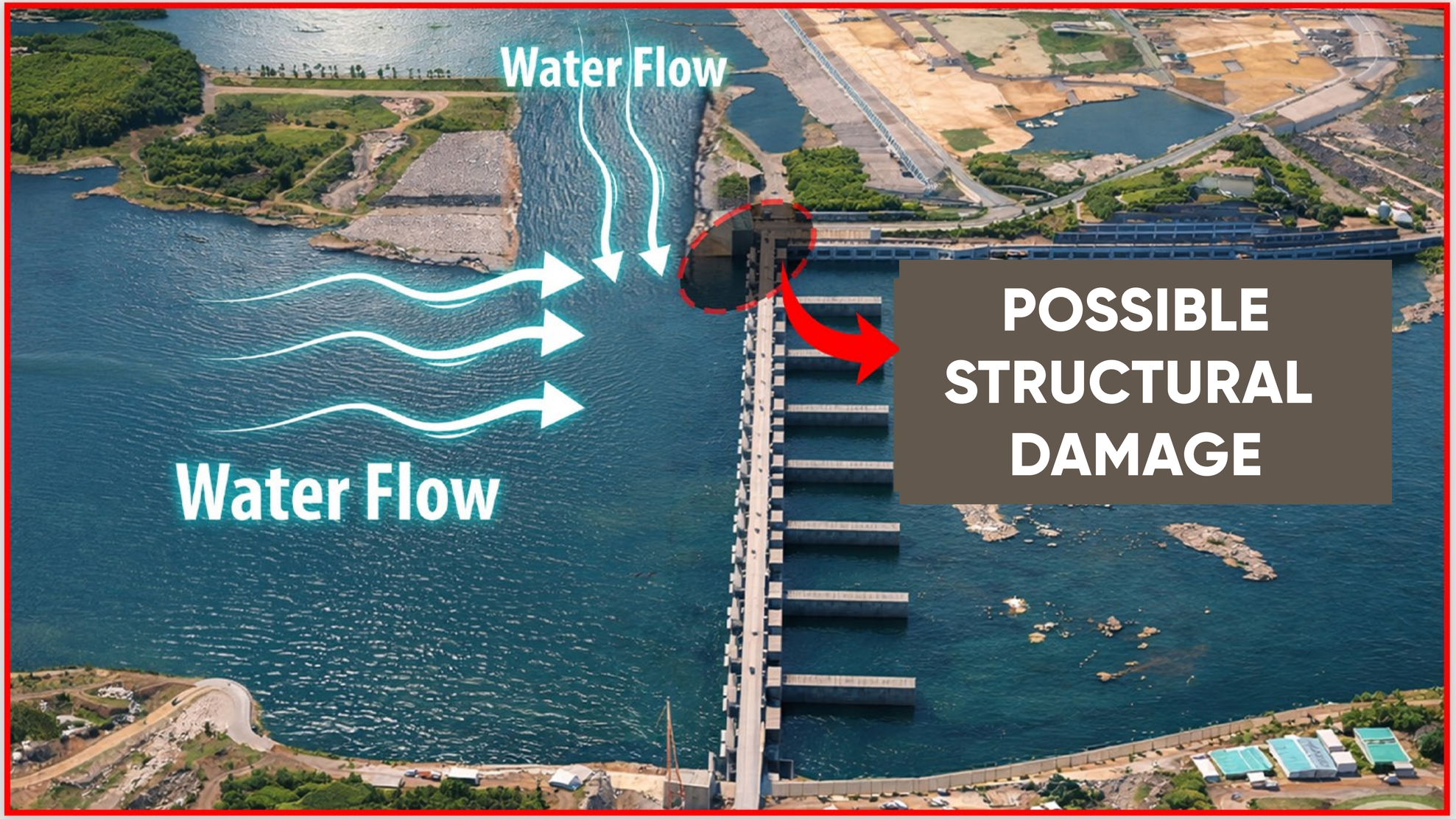
4(C). గైడ్ బండ్ నిర్లక్ష్యం

గైడ్ బండ్ వరద వచ్చి కొట్టుకుపోతే,డయాఫ్రం వాల్ మళ్లీ ధ్వంసం అవుతుంది



4(D). గైడ్ బండ్ నిర్లక్ష్యం

స్పిల్ వే కి కూడా ప్రమాదం



PoE 6 : దీని గురించి ఏమన్నది ?

SILENCE!

5. స్పిల్ వే అప్రోచ్ అర్ధాంతం

5(A) స్పిల్ వే అప్రోచ్ అర్థాంతం

పని జరగలేదు

5(B) స్పిల్ వే అప్రోచ్ అర్థాంతం

జూన్ 2025 నాటికి 38 లక్షల క్యూబిక్ మీటర్ల తవ్వకాలు మిగులు

Status of works of Approach channel:

The earthwork of approach channel was executed before 2023 floods as shown below.

S.No	Description	Involved Quantity (L.Cum)	Executed Quantity (L.Cum)	Balance Quantity (L. Cum)	Remarks
1.	Reach 1	101.49	101.45	0.04	Unable to execute due to submergence
2.	Reach 2	16.0	4.21	11.79	
3.	Reach 3	37.06	10.34	26.72	
	Total	**154.55**	**116.0**	**38.55**	

SOURCE: AP WRD LETTER NO. E.E./PIPHW DIVN. NO.III/PLVM/DB DATED: 17.6.2025

5(C) స్పిల్ వే అప్రోచ్ అర్థాంతం

జనవరి 2026 కల్లా 5 లక్షల క్యూబిక్ మీటర్ల తవ్వకమే మిగిలింది. ఎలా సాధ్యం?

Spillway Approach Channel

- Currently materials left in place due to need to use spillway
  - Design elevation - El. 17 m
  - Left half of channel excavated to El. 17
  - Right half of channel excavated to about El. 21/22
- Approximate volume to be removed – 500,000 c.m.
- CFD/physical model studies are underway to assess the hydraulic flow conditions if the dredging is not done.
- Bathymetric information available
- **The PoE agrees to finalize the modeling to determinate if the dredging needs to be performed.**

33లక్షల క్యూబిక్ మీటర్ల నీటి అడుగున వున్న మట్టి ఎలా మాయమయింది?

SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 41 OF 50

5(D) స్పిల్ వే అప్రోచ్ అర్థాంతం

అసలు మొత్తం పని ఎగ్గొట్టే స్కెచ్ !

Spillway Approach Channel

- Currently materials left in place due to need to use spillway
  - Design elevation - El. 17 m
  - Left half of channel excavated to El. 17
  - Right half of channel excavated to about El. 21/22
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- Bathymetric information available
- **The PoE agrees to finalize the modeling to determinate if the dredging needs to be performed.**

SOURCE: POE SUMMARY OF DISCUSSIONS, SITE VISIT #6, JAN 23, 2026, PAGE 41 OF 50

మేఘా* ఎలెక్టోరల్ బాండ్స్ విరాళాలు

PARTY	DONATIONS (₹CRORES)
BJP →	669CR
BRS →	201CR
CONGRESS →	158CR
TDP →	53CR
YSRCP →	37CR
JANASENA →	14CR

SOURCE: MYNETA.INFO

*మేఘా & అనుబంధ సంస్థల ఎలెక్టోరల్ బాండ్స్ విరాళాలు

పార్టీలకి దేశంలోనే అత్యధిక విరాళాలు ఇచ్చిన కంపెనీలు

కంపెనీలు	విరాళాలు(₹కోట్లు)
1. ఫ్యూచర్ గేమింగ్	1,368CR
2. మేఘా & అనుబంధ సంస్థలు	1,232CR
3. కెవెంటర్ గ్రూప్	616CR
4. RPSA	571CR
5. ఆదిత్య బిర్లా	507CR
6. రిలయన్స్	445CR
7. వేదాంత గ్రూప్	400CR
8. భర్తీ గ్రూప్	235CR

SOURCE: MYNETA.INFOIPSUM

పోలవరం నిర్మాణంలో నాణ్యతా లోపాలు

1. నాసిరకం కాంక్రీట్
2. డయాఫ్రం వాల్ ఎత్తు
3. GAP - 1 లోతు
4. గైడ్ బండ్ నిర్లక్ష్యం
5. స్పిల్ వే అప్రోచ్ అర్థాంతం

CENTRE FOR LIBERTY

పోలవరం నిర్మాణంలో నాణ్యతా లోపాలు

కప్పిపుచ్చే ప్రయత్నాలు

02-03-2026

మీడియా సమావేశం, విజయవాడ