



Chief Engineering Adviser &  
Chairman, FFC

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No. FC-I (23)/ 2023  
Government of Pakistan  
Ministry of Water Resources  
Office of Chief Engineering Adviser &  
Chairman, Federal Flood Commission

Plot No. 06, Ataturk Avenue, G-5/1  
Islamabad, the July 10, 2024

Sub: URGENT: REPAIR/REPLACEMENT OF DAMAGED GATES AT SUKKUR BARRAGE IN  
ANTICIPATION OF HIGH FLOWS DURING MONSOON SEASON 2024

Dear Zarif Iqbal Khoro sb

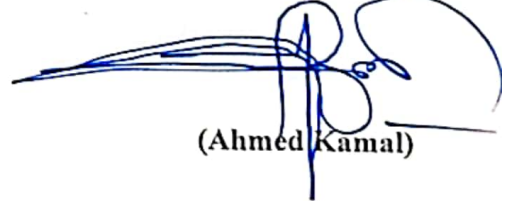
اسلام علیہ

I am writing to express our urgent concern regarding the recent damage to two gates at the Sukkur Barrage. In the FFC online meeting on July 4, 2024, the Chief Engineer of the Barrage Management Unit briefed that Gate No. 44 has been repaired and temporary works on Gate No. 47 are complete for the safe passage of floods during the monsoon season. A cofferdam downstream and a caisson/bulkhead gate upstream of Gate No. 47 have been installed to maintain pond levels for continued irrigation to seven channels during the peak Kharif season. The closure of Gate No. 47 has increased water pressure on adjacent gates, disrupting water supply to the canals and threatening irrigation and drinking water availability.

2. Considering the critical role of Sukkur Barrage in regional water management and its historical importance, it is essential to expedite the repair work on these gates. With the monsoon season already approached, any delay could exacerbate water shortages, negatively impact agricultural productivity and local livelihoods, and increase the risk of flooding.
3. We understand that Chinese engineers have begun the repair work and have successfully restored Gate No. 44. However, it is crucial to complete the repair of Gate No. 47 and any additional maintenance in the minimum possible time to ensure the barrage operation at its full capacity and mitigation of water-related risks during the high-flow season.
4. In the above context measures already taken are appreciated with the request to issue necessary directions for early completion of repair works in the national interest. Additionally, findings of the Technical Committee on the causes of the damage may also be shared with this office once available.

With profound regards,

Sincerely Yours,



(Ahmed Kamal)

Mr. Zarif Iqbal Khoro  
Secretary,  
Irrigation Department,  
Government of Sindh,  
Karachi

**Copy for information to:**

1. Chief Secretary, Government of Sindh, Karachi.
2. Director General, Provincial Disaster Management Authority, Govt. of Sindh, Karachi.
3. Chief Engineer Guddu Barrage Region, Irrigation Department, Govt. of Sindh, Sukkur.
4. Chief Engineer Sukkur Barrage, Left Bank Region, Irrigation Depart. Govt. of Sindh, Sukkur.
5. Chief Engineer Sukkur Barrage, Right Bank Region, Irrigation Depart., Govt. of Sindh, Larkana.
6. Chief Engineer Kotri Barrage Region, Irrigation Department, Govt. of Sindh, Hyderabad.
7. Managing Director Sindh Irrigation & Development Authority (SIDA), Hyderabad.
8. Chief Engineer Development Region Hyderabad, Irrigation Department, Govt. of Sindh, Hyderabad.
9. Director General Pakistan Meteorological Department, Islamabad.
10. Chief Meteorologist, Flood Forecasting Division, Lahore.
11. General Manager, Tarbela Dam Project, Tarbela.
12. General Manager, Mangla Dam Organization, Mangla.
13. P.S to Secretary Ministry of Aviation, Islamabad.
14. P.S to Secretary, Ministry of Planning, Development and Special Initiatives, Islamabad.
15. P.S to Secretary, Ministry of Water Resources, Islamabad.
16. P.S to Secretary Ministry of Climate Change & Environmental Coordination, Islamabad.
17. P.S to Chairman NDMA, Islamabad.
18. P.S to Chairman WAPDA, WAPDA House, Lahore.
19. P.S to Chairman Indus River System Authority (IRSA), Islamabad.
20. P.S to Chairman SUPARCO, Islamabad.
21. P.S to CEA/CFFC, Islamabad.
22. P.S to D.G Engineers, Engineers Directorate, GHQ, Rawalpindi.