



US Army Corps  
of Engineers  
Pittsburgh District

# Notice to Navigation Interests

In reply refer to  
Notice No. below

US Army Corps of Engineers, Pittsburgh District  
1000 Liberty Avenue, Pittsburgh, PA 15222-  
4186 (412) 395-7183

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Notice No. 13-32 (Revised)

Date: August 30, 2013

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**Locks and Dams 5 and 6, Allegheny River, Miles 30.4 & 36.3**  
**Shoaling in Lower Approach of Lock & Dam 5 and Temporary Draft**  
**Restrictions at Lock 5 and**  
**Temporary Pool Reductions for Locks 5 & 6**

**Lock & Dam 5 Allegheny River**

1. **To All Whom It May Concern:** Notice is given regarding the reported shoaling in the lower approach channel of Allegheny Lock and Dam 5.
2. A preliminary hydrographic survey of the area was completed on 26 August 2013. The survey showed that under normal pool conditions (Lower Gage 9.0) water depths of 8.7-ft were found in an area located 50 feet downstream of the river wall and 25 feet out into the navigation channel. A decreased water depth of 7.8-ft was also found in another area located 100-feet downstream of the river wall and 25 feet out into the navigation channel (See attachment 1 for detailed locations).
3. Mariners traveling through Lock 5 Allegheny River are advised to use extreme caution when passing through the downstream approach to the lock and to avoid the shoaled areas. Commercial tows are advised to modify their approach and exit angles in the downstream lock approach.
4. On September 5, 2013 an extensive hydrographic survey will be conducted upstream and downstream of Locks/Dams 5 and 6 on the Allegheny River. This survey data will be used to identify scouring issues near the dams and to further quantify dredging needs in the downstream approach at Lock 5 Allegheny River.
5. On September 5, 2013 traffic at Lock 5 Allegheny will be temporarily restricted. **No vessels drafting greater than 6-ft will be locked. This restriction will only be in affect at Lock 5 for the period 0800-hrs to midnight on September 5, 2013.**

Allegheny River Navigation Pools 5, & 6

6. To create the river conditions at the Locks/Dams 5 and 6 Allegheny River that are needed to support and safely execute the hydrographic survey work, the navigation pools created by Locks/Dams 5 & 6 Allegheny River will be temporarily lowered by approximately 1-2 feet on September 5, 2013. The draw down will begin at 4:00 AM on September 5, 2013. Water levels are anticipated to be returned to normal no later than midnight the same day. This temporary draw down will also minimally affect water levels in Pool 4 with an expected reduction in pool of approximately 1-ft. The draw down will require a temporary vessel draft restriction at Lock 5 only, as noted above. No other draft restrictions are anticipated at this time, although mariners should note the increased potential for other unknown submerged hazards in these pools during the draw down.

7. Dock and vessel owners in Allegheny River pools 4, 5, and 6 are recommended to take necessary mooring precautions during this temporary draw down period.

8. All Allegheny River Lock staff will continue to advise passing vessels of the status of the hazards until they can be resolved.

FOR THE DISTRICT ENGINEER:

/signed/  
James R. Fisher  
Acting Deputy Chief,  
Operations Division

Navigation Notice 13-32 (Revised)  
August 30, 2013  
Attachment 1

Allegheny River - Lock and Dam #5 - Lower Approach

