

# Department of Human Resources & Examinations

## Louisiana State Licensing Board for Contractors

LSLBC

### 3.1 Dredging

*The dredging of waterways for navigation, erosion control, coastal restoration and associated sediment removal, disposal, and relocation. Also includes sludge removal from treatment ponds using dredging technologies. Dredging is a subclassification of Heavy Construction.*

# Introduction



*Dredging is a closed book examination with 50 multiple-choice questions and a minimum passing score of 70. You will have **two hours** to complete this examination.*

This bulletin contains only a representative sample of the many good references available on the subject at the time the list was compiled. It is not a comprehensive listing. Please note that it is *not* necessary to read all of the books in order to pass the examination. Rather, this list is intended to suggest what types of references might be useful in helping to acquire the basic knowledge needed to perform this type of work. Often the best preparation is training through a mentor or through a company or organizational training program, or a higher educational or vocational educational training program, etc., along with actual experience.

We try to keep this list current with books in print, but some books go out of print from time to time. These books may be available in your local library's collection or through the services of Inter-Library Loan. If still in print, these books may also be available through your local bookstore or by contacting the publisher. All references available via the internet are followed by the appropriate website address for obtaining the reference. From time to time, website addresses may change and no longer be available. In such cases, please search for the appropriate new website address or contact the publisher or a library to obtain a copy.

## References

**Moving the Earth: The Workbook of Excavation**, Third Edition; Nichols, Herbert S.; North Castle Books; Greenwich, CT.; 1987. (Review this edition only for sections directly relevant to dredging.)

**Dredging and Dredged Material Disposal**, Engineer Manual 1110-2-5025; Department of the Army, Corps of Engineers, Office of the Chief of Engineers; Washington, DC; 1983.

**Dredging Equipment**; Design Manual 38.2; Department of Navy, Naval Facilities Engineering Command; Alexandria, VA; 1981.

**Hydrographic Surveying**, Engineering Manual 1110-2-1003; Department of the Army, U.S. Army Corps of Engineers; Washington, DC; 2004.

**Navigation Rules**, International-Inland; U. S. Department of Homeland Security and U. S. Coast Guard; Washington, DC; 1999. <http://www.navcen.uscg.gov/pdf/navRules/navrules.pdf>.

**Title 33, Code of Federal Regulations, Sections 88**, 165.803.

**Civil Works Cost Engineering, Engineer Regulation** 1110-2-1302; Department of the Army, U.S. Army Corps of Engineers; Washington, DC; 1994.

**Light List, Volume V, Mississippi River System**; Department of Homeland Security, U. S. Coast Guard; U. S. Government Printing Office; Washington, DC; 2006.  
<http://www.navcen.uscg.gov/pdf/lightLists/LightList%20V5.pdf>

**Prediction and Control of Dredged Material Dispersion Around Dredging and Open-Water Pipeline Disposal Operations**; DMRP Task No. 6C; U. S. Army Engineer Waterways Experiment Station, Office, Chief of Engineers, U. S. Army; Washington, DC; 1978.

**Where to Submit Your Permit Application and Drawings, Coastal Use Permit by Louisiana Coastal Management Division**, web page attached to the Regulatory Home Page of the New Orleans District of the U.S. Army Corps of Engineers.

**Dredging Applications of High Density Polyethylene Pipe**; Pankow, Virginia R.; Proceedings of the Nineteenth Dredging Seminar; TAMU-SG-88-102; Texas A & M University Sea Grant College; College Station, TX; 1987.



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