

Memorandum

To: Programs, Projects and Operations Subcommittee

Subject: 17.42 Lake Dredging Program (new program)

Date: May 4, 2009 Updated: May 12, 2009

From: Gerry Bowen

From time to time, staff receives requests from various communities and/or citizen groups about the NRD cost-sharing to dredge out a lake, pond, or water quality basin. The District did not have a formal program to address such requests. Therefore, the Lake Dredging Program is proposed for consideration by the Subcommittee. The draft guidelines are attached for your review.

To be eligible, a project must meet the following criteria.

- a. The project must be sponsored by a unit of government.
 - b. Only water bodies with public recreation are eligible for assistance.
 - c. The Sponsor must provide the matching funds. Their "in-house" cost for labor, equipment, and material do not count as matching funds.
 - d. The cost share rate is 50% of the local share (after applying any state or federal financial assistance) of eligible costs up to a maximum NRD cost share of \$100,000 per project.
 - e. Any particular water body is eligible for dredging every ten (10) years.
 - f. Water quality benefits of the project must be demonstrated.
 - g. The water body must have lost 75% of its original capacity to sedimentation.
- **Management recommends that the Subcommittee recommend to the Board that District Program 17.42 Lake Dredging Program be adopted.**

17.42 LAKE DREDGING PROGRAM

The Lake Dredging Program is an authorized program of the District to provide technical and financial assistance to units of government (sponsors) to dredge retained sediments in permanent water quality basins and lakes within the sponsor's boundaries and extraterritorial jurisdiction.

Criteria for Eligible Projects:

1. The Sponsor must be a unit of government (city, county, sanitary & improvement district).
2. Only public access lakes and permanent water quality basins are eligible for assistance.
3. Dredging shall be limited to the capacity of the conservation pool of the water quality basin or lake.
4. An individual lake or basin shall be eligible for assistance if the following specific criteria are met:
 - a. The water body has not been dredged in the immediately preceding ten (10) years.
 - b. Verification that 75% of the original capacity has been lost to sedimentation.
 - c. Verification of impaired water quality that will be improved by dredging project, including calculation of benefits.
5. The Sponsor must have a watershed management plan to control erosion and reduce sedimentation from the drainage area.

District Responsibilities:

1. Provide 50% of the local costs (after applying any state or federal cost share assistance) of the project up to a maximum NRD cost share of \$100,000 per project. Eligible costs include:
 - a. Actual dredging costs
 - b. Professional engineering services for design, calculation of dredging amount and water quality benefits.Ineligible costs include:
 - a. Costs associated with land rights acquisition.
 - b. Costs associated with the acquisition of necessary permits for the project.
 - c. Costs associated with relocation of utilities.
 - d. Sponsor's "in-house" labor and equipment costs.
2. All projects will require the approval of the Board of Directors.
3. Review and approve all dredging plans prior to Sponsors' bidding of the project.

Sponsor Responsibilities:

1. Complete District's LDP Application Form, Form 17.42A, Manual of Standard Forms (Appendix E). The following items should accompany the application:
 - a. Copy of the original construction plans for the lake or water quality basin. If original plans are not available, an engineering study will be necessary to calculate the original capacity.
 - b. Location map of the project.
 - c. Location map of the proposed disposal site(s) and site restoration plan.
 - d. Detailed project cost estimate.
2. Execute and fulfill an agreement outlining these guidelines (Form 17.42B. Manual of Standard Forms, Appendix E)
3. Provide all matching funds.
4. Provide all permits required for the project at no cost to the District.
5. Provide all necessary land rights at no cost to the District.
6. Contract for the dredging of the lake or water quality basin of the approved project.
7. Complete dredging operation within one year of approval.

(May 14, 2009)