

## Anticipated Time Line

### February/March

#### Public Hearings

##### South Grand Lake

*Cleora School Gymnasium\**  
Thursday, February 8, 6:00 P.M.

##### Grove

*Grove Community Center\**  
Tuesday, February 13, 6:00 P.M.

##### Tulsa

*Union High School  
Performing Arts Center\**  
Wednesday, February 21, 6:00 P.M.

##### Oklahoma City

*Metro Technology Center  
Springlake Campus\**  
Thursday, March 1, 6:00 P.M.

##### Vinita

*Cowboy Junction\**  
Tuesday, March 6, 2:00 P.M.

### March/April

GRDA Internal Review

### April/May

Final draft SMP to GRDA Board

### May/June

Final draft for agency and public consultation

*\*See addresses on back page.*

FERC ..... Federal Energy Regulatory Commission  
ODWC ..... Oklahoma Dept. of Wildlife Conservation  
SMC ..... Shoreline Management Classifications  
SMP ..... Shoreline Management Plan  
SWG ..... Stakeholder Working Group  
USFWS .... United States Fish and Wildlife Service  
VMP ..... Vegetation Management Plan

## Your Input is Critical

Tremendous progress has been made in the development of a Shoreline Management Plan (SMP) for the future development of Grand Lake. The process began in June 2005 when the Grand River Dam Authority (GRDA) contracted with Kleinschmidt & Associates to develop a plan for submission to the Federal Energy Regulatory Commission (FERC). Your input is critical as we begin the final stages of completing the document.

This process of obtaining input from every stakeholder began in October 2005 when we held a series of "listening sessions" in Vinita, Grove and at The Coves Clubhouse on South Grand Lake. Kleinschmidt, on behalf of GRDA, utilized these sessions to solicit comments, concerns, and questions regarding the development of the SMP. Individuals participating in those initial sessions were asked to sign up for potential inclusion as members of a "Stakeholder Working Group." The working groups were established, to assure representation from a regionally diverse group on a wide range of private and commercial interests.

### Stakeholder Working Group

The Stakeholder Working Group (SWG) was established and members began meeting in December 2005 and continued to work throughout the year, establishing recommendations for inclusion in the SMP. Throughout the year we also sought public input, as well. We are grateful for their hard work and recommendations. As a result, a draft is now available for your review and comments. Now is the time to speak. You have an opportunity to review the draft, determine its impact, if any, on you and your involvement as a Grand Lake stakeholder. Your input is not only requested, it is highly solicited and valued. Depending on the response from individual stakeholders, additional changes may be made to the draft following public hearings and prior to submission to the GRDA Board of Directors.

### Make Your Recommendations and Suggestions - NOW

This newsletter includes the current thinking of a majority of members of the Stakeholders Working Group. We ask that you make your recommendations and suggestions after reading this report of their progress. Maps detailing the precise recommended classification for all of Grand Lake's shoreline and drafts are available at [www.grda.com](http://www.grda.com). Click on the Shoreline Management Plan link.

The current document summarized in this newsletter and displayed at [www.grda.com](http://www.grda.com) is a working draft of the Grand Lake SMP. Kleinschmidt Associates compiled this draft as a composite document considering input from the SWG, state and federal agencies and GRDA Staff.

**Please note** that GRDA neither approves nor disapproves this working draft of the SMP. GRDA's Board of Directors has not reviewed or approved this document. GRDA will receive additional public input throughout the collaborative process before submitting a final draft to the Board of Directors and prior to providing a draft for official agency and public review as required by FERC regulations. The time line for our planned completion of the SMP development process is seen on the left-hand side of this page.

## Time Provided for Additional Input

The Grand River Dam Authority has extended the timetable for completion of the final SMP due to specific requests for additional time, both from individual stakeholders throughout the Grand Lake area, and resource agencies who may have an interest in the development of the SMP. We urged the general public and specific resource agencies such as the Oklahoma Department of Wildlife Conservation and the U.S. Fish and Wildlife Service (USFWS) to provide input throughout this process, beginning more than a year-and-a-half ago. GRDA did not receive any requests from resource agencies for updated information until August, 2006. USFWS has indicated that they intend to update the National Wetland Inventory maps. Thus, we have chosen to utilize additional time to allow for updating and continued public input and to provide you with detailed information representing the current collective thinking of the SWG who have been working diligently on their final recommendations.

**NOTE:** The comprehensive Shoreline Management Plan (SMP) will NOT be enacted by any one of the entities listed in this informational flyer.

The final SMP to be submitted to FERC with input from all stakeholder working groups, resource agencies and you. It requires approval of the Grand River Dam Authority Board of Directors before submission to the Federal Energy Regulatory Commission for final approval. Neither Kleinschmidt nor the Stakeholders Working Groups are a recognized rulemaking entity.

The final plan, therefore, must be approved and submitted for FERC approval exclusively by the Grand River Dam Authority.

### Land Use Committee

This working group is responsible for developing recommendations encompassing GRDA's public shoreline uses that currently exist around Grand Lake, as well as anticipated future uses. Remember, these are recommendations with regard to the use of shoreline and the waters of Grand Lake. GRDA cannot, nor does it profess to restrict the use of privately owned land surrounding Grand Lake.

This group has worked to develop "Shoreline Management Classifications" (SMC) based on existing shoreline development data obtained by GRDA staff through a lake wide Global Positioning System (GPS) effort, review of aerial photography and personal input of GRDA staff and stakeholders. This group did not include classifications to the entire Grand Lake shoreline. However, Kleinschmidt, on behalf of, and in coordination with GRDA, has completed an initial classification of shoreline. Initial recommendations for "allowable uses" of this extensive shoreline were the subject of both this committee and the "Allowable Use Committee."

### Allowable Use Committee

This committee evaluated existing uses and structures in conjunction with environmental, aesthetic, social values and shoreline access expectations. As the group identified current and projected uses, it categorized them with recommendations for utilization of Grand Lake's 1,300 miles of shoreline.

This group is also working on developing recommendations for GRDA on allowable vegetation management practices and agricultural uses to be incorporated into the SMP where appropriate.

### Permitting Committee

The objective of this group was to make recommendations for revisions and updates to clarify and standardize permitting policies and to improve the process from the stakeholders' perspective. While detailed permitting applications are not a part of the SMP, the committee has provided recommendations on permit application standardization, requirements for supporting documentation for applications and general process requirements.

# Recommended Classification of Specific Areas of Grand Lake Shoreline

**K**leinschmidt & Associates, in conjunction with the members of the SWG, prepared detailed recommendations of specific shoreline classifications for the shores of Grand Lake. The current draft recommends the following five classifications of allowable use: multi-purpose, limited residential development, sensitive resource areas, public/municipal use and project operations.

## Multi-purpose

Multi-purpose areas currently support both residential and/or commercial uses, but without a clearly definable use pattern. These areas remain available for all uses including, but not limited to: existing or potential future private residential waterfront development, commercial recreation facilities such as marinas, industrial facilities, business parks and industrial water access (intakes, discharges, etc.), and commercial agriculture. Subject to meeting site-specific criteria, GRDA will manage these lands to accommodate reasonable demands for public and private uses within the guidelines of GRDA's permitting program. Proponents of new commercial developments are required to provide justification for new uses.

## Limited Residential Development

Limited Residential Development areas currently consist of primarily residential development and/or open land. Typically, residential or public uses dominate these areas. There are few or widely separated commercial facilities. While there may be undeveloped lots within Limited Residential Development areas, unless a proponent of a commercial enterprise demonstrates a particular public interest, GRDA considers any future commercial/industrial development in these areas incompatible with the primarily residential and open space uses.

Multi-family residential developments such as condominiums, homeowners associations or apartment complexes are included in the overall Limited Residential Development classification.

## Sensitive Resource

Sensitive Resource areas are undeveloped or have extremely limited development and/or encompass an area of significant environmental value. Sensitive Resource areas include resources protected by state and/or federal law or executive order; natural or cultural features con-

sidered important to the area or natural environment and areas maintained for habitat, water quality protection and general aesthetics. These areas may include palustrine wetlands (identified by the USFWS National Wetland Inventory), steep slopes (twenty feet or more in height), sensitive aquatic or terrestrial habitat and islands. Wildlife Management Areas identified in the Project's FERC license are included in the Sensitive Resource classification. All currently undeveloped islands owned by GRDA fall under this classification; and it is highly unlikely that GRDA will permit new uses in these areas.

The SMP "grandfathers" existing uses, if those uses are properly maintained and if they were properly permitted at the time of enactment of the SMP. GRDA may permit temporary activities that do not require construction or long-term use (bird-dog trails, one-time outdoor athletic events, educational projects, etc), but these temporary permits will be highly restrictive. Any new "permanent" uses proposed for designated Sensitive Resource areas will be subject to a consultation process involving state and federal resource agencies and may involve development of an Environmental Assessment or Environmental Impact Statement by proponents.

## Public/Municipal Use

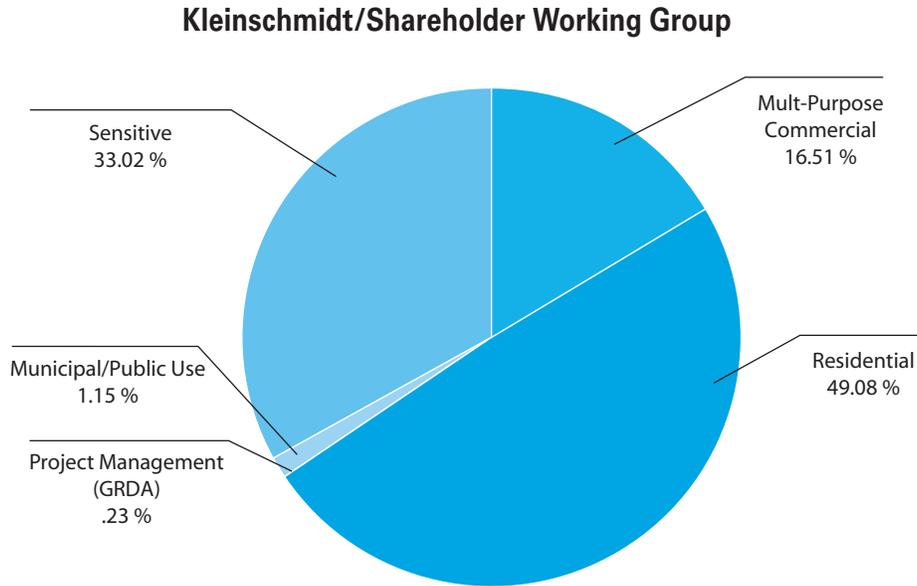
Public/Municipal Use areas are for public use such as state parks, public beaches, municipal water intake/outflow, transmission/utility line crossing, roads, bridges, and gas/oil pipelines. Typically, public agencies or governmental bodies manage these areas.

## Project Operations

Project Operations areas are reserved for current and potential future project operation and related functions. This includes all lands used for hydroelectric generation, dams, spillways, switchyards, transmission facilities, rights-of-way, security lands and other operational areas.

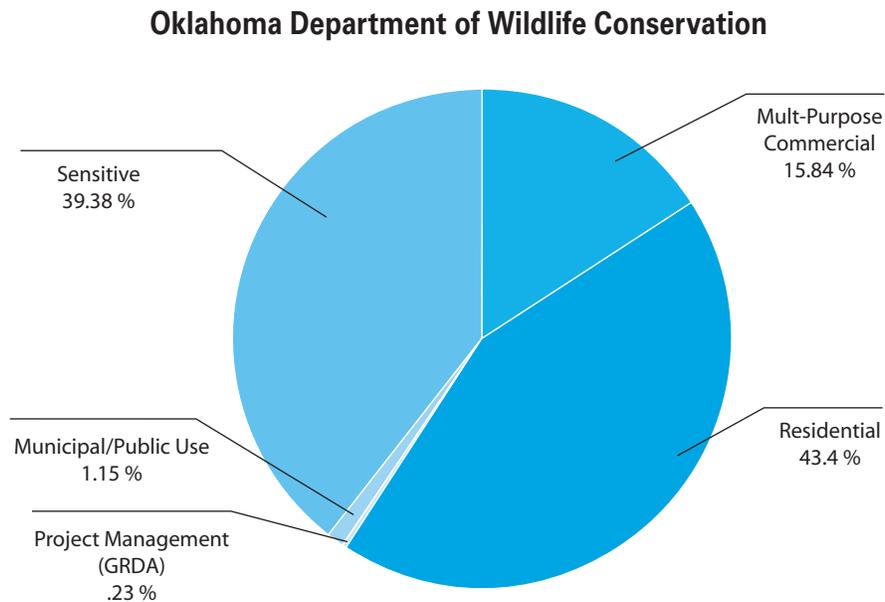
Utilizing the definitions summarized on page 3, Kleinschmidt and the SWG developed recommended maps providing classification of all of Grand Lake’s shoreline. These maps are available for viewing at [www.grda.com](http://www.grda.com) or at the Grand River Dam Authority headquarters in Vinita. We urge you to study these maps to determine the recommended allowable use under the SMP for shoreline areas of interest to you.

The Kleinschmidt/SWG recommendations for specific shoreline classification are summarized in graph below:

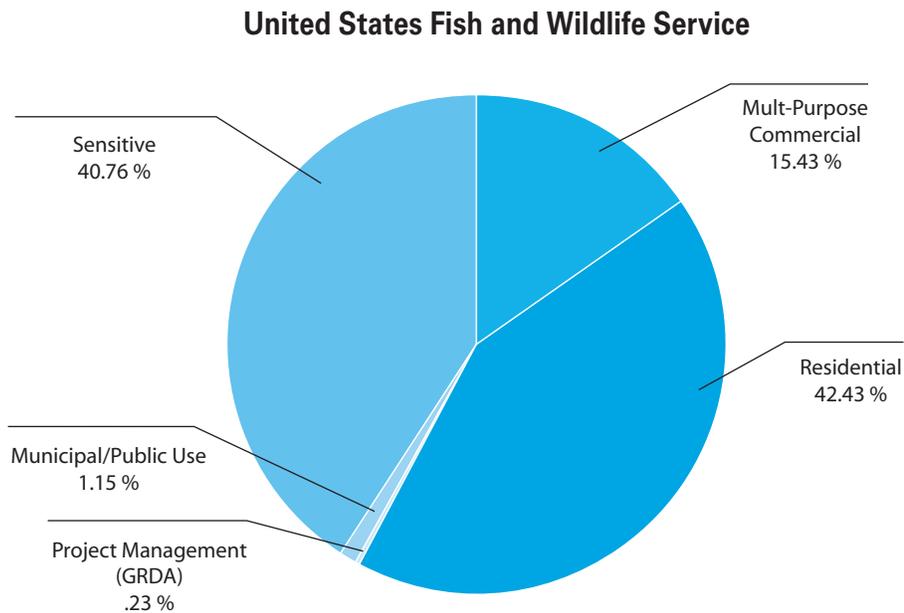


Specific classification recommendations for specific shorelines have changed significantly in recent months. It would be a wise investment of your time to examine the maps at [www.grda.com](http://www.grda.com) to see if, and how you are impacted. Since the recommendations of Kleinschmidt and the SWG, two other sets of maps have been recommended for classification of land—one from the Oklahoma Department of Wildlife Conservation and another from the United States Fish and Wildlife Service. These maps are also available for viewing at [www.grda.com](http://www.grda.com); and they vary from the Kleinschmidt/SWG maps.

Percentages of land use classification under the Oklahoma Department of Wildlife Conservation recommendations are illustrated below:



Percentages of land use classification under the United States Fish and Wildlife Service recommendations are also illustrated below:



No decision has yet been finalized as to which of the classification maps (or a set of maps to be developed later) will be included in the SMP submitted to FERC. Your input is requested.

E-mail your comments to [smp@grda.com](mailto:smp@grda.com) or mail them to:

**SMP, c/o GRDA  
P.O. Box 409  
Vinita, OK 74301**

If you would like to see the recommended utilization of any specific part of Grand Lake, maps detailing the areas included in the specific allowable use recommendations above are available for viewing at GRDA Headquarters in Vinita or online at [www.grda.com](http://www.grda.com).

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- Please note that GRDA neither approves nor disapproves this working draft of the Shoreline Management Plan.
- The GRDA Board of Directors has not reviewed or approved this document.
- GRDA will receive additional public input throughout the collaborative process before submitting a final draft to the Board of Directors and prior to providing a draft for official agency and public review as required by FERC regulations.



Looking for more  
information about the  
development of  
GRDA's Shoreline  
Management Plan visit  
us on-line at:  
[www.grda.com/  
Water/SMP/smp.html](http://www.grda.com/Water/SMP/smp.html)

To receive  
electronic updates  
about GRDA and  
Grand Lake email  
[smp@grda.com](mailto:smp@grda.com).

## Habitable Structures

Members of the SWG have discussed habitable structures in depth. This topic, which has proven to be of considerable interest, has also been addressed in additional public meetings held specifically for such discussion. "Habitable structures" refer to living quarters constructed in conjunction with new or existing docks, piers, and floats. These structures generally resemble cabins and/or homes, placed on floating structures such as covered or enclosed docks, over boathouses and other similar structures where a building is or may be occupied by people overnight or for extended periods.

Habitable structures currently exist on Grand Lake. Previously, they had no specific designation, they were permitted under GRDA's private dock application process.

GRDA believes that, while public sentiment is an important factor in developing a position on habitable structures, other factors such as the environmental effects of these structures is equally important to making a well-informed, unbiased decision. GRDA is currently undertaking a lake wide environmental assessment of the potential impacts of habitable structures. However, this study may not be complete prior to the review of the draft SMP by agencies or the public or by the time a final draft is submitted to FERC. Thus, GRDA proposes to provide agencies, the public and FERC with a copy of the final assessment when complete. Based on the finding of the study, GRDA will then develop a policy for addressing habitable structures and submit a proposed amendment to the SMP to FERC.

## Adaptive Management for Areas of Concern

Some shoreline areas along the lake are likely to experience greater development pressures and heavier use. No current data suggests that any shoreline areas along the lake are completely development. However, given current/anticipated levels of new development, GRDA expects that private property adjacent to GRDA shoreline will continue to have additional growth that may require specific and distinct management attention. Not all potential growth is negative or unwelcome by adjacent property owners, however GRDA strives to maintain a balance among acceptable growth, access to and enjoyment of the lake by the public and protection of environmental resources. As such, GRDA proposes the use of adaptive management strategies to (where appropriate) monitor, analyze, and subsequently manage growth and development in a flexible, yet locally relevant manner.

## Vegetation Management

The current draft of the SMP states that before conducting any vegetation management activities (including trimming trees and removing brush) on property owned by GRDA, a vegetation management plan (VMP) must be submitted and approved prior to the issuance of a permit from the GRDA Office of Ecosystems Management. VMP will be approved and permitted only to adjacent property owners whose existing permits, if any, with GRDA are in good standing.

Except for the mowing and weed trimming (nylon line only) of lawns established and existing before June 1, 2005, all vegetation management activities performed by private or commercial entities on public-owned GRDA lands, must apply for a VMP permit and obtain written permission from the GRDA Office of Ecosystems Management before conducting such activities.

Without prior GRDA approval or receipt of a permit, an adjacent landowner may remove floating debris, drift wood, litter and trash from GRDA lands and water, provided the removal does not involve heavy machinery (i.e. tractors, bulldozers, skidders, excavators, etc.) or other means which have the potential to disturb the shoreline through movement of soil, rock, or removal of existing live vegetation.

A permit may be issued for removal of certain hazardous trees after consultation, permit application and approval, but only in cases where the trees are dead and dangerous, damaged and dangerous, diseased and dangerous, or otherwise present a public safety or property hazard. The GRDA Office of Ecosystems Management must confirm and mark dead or dangerous trees or limbs in advance. The applicant is financially responsible for removal following permitting.

Permits for pruning may be issued by GRDA. Pruning is defined as any trimming or cutting of branches or limbs or other vegetation designed to enhance the view of the lake. Removal of limbs from living trees and shrubs up to one-third of the plant height may be permitted on a limited basis. Pruning does not include cutting of trees below one-third of the height of the plant. A Vegetation Management Plan Permit is proposed for such actions.

The time to **provide**  
**your input** on  
the **future**  
**development**  
of **Grand Lake**  
is **NOW!**

## Additional Information Contained in the Shoreline Management Plan

This publication is intended only to summarize major sections of the proposed Shoreline Management Plan for Grand Lake. The complete draft of the plan, available at GRDA Headquarters in Vinita, Oklahoma or on the internet at [www.grda.com](http://www.grda.com), contains far more detailed information including, but not limited to, detailed requirements for submitting permit applications for both commercial docks and residential docks, additional vegetation management requirements and detailed information about permitting requests in specific land use classification areas.

GRDA will continue to monitor growth and development patterns around the lake and compile data that may be useful in the event an SMP amendment becomes necessary during the review period. While the northern and eastern shorelines of the lake currently do not present the level of heavy development found in the southern region, or support major commercial uses, GRDA recognizes the potential for

growth and changes in overall development patterns and expectation. These areas may warrant special attention in the future.

Upon determination of the necessity to amend the SMP, GRDA will publicly notice its intent, and provide a public forum for public comment, either through public meetings or through Board meeting discussions (which are open to the public). Because a revision or modification of the SMP requires FERC approval, any proposed amendment will follow FERC procedures.

That is why it is extremely important for you to become involved in the process now. Future revisions and/or changes will require significant time and effort. It is much wiser for you to become involved in the process now. Review the maps and documents available at [www.grda.com](http://www.grda.com). Attend the public hearings. Express your thoughts in writing or via e-mail ([smp@grda.com](mailto:smp@grda.com)). Your input is valuable to us.

## Your Input is Critical!

During development of a comprehensive Shoreline Management Plan for Grand Lake, now targeted for submission to the GRDA Board of Directors by April 2007, GRDA's staff is seeking input and recommendations with regard to the final development of this plan from the following groups:

- Stakeholder Working Group
- Private individuals
- Commercial developers
- Boaters
- Marina owner/operators
- Homeowner's organizations
- Real estate sales companies
- Property owners
- The business community
- Wildlife organizations/  
Environmentalists/Conservationists
- Native American tribes
- Historic preservation groups
- Archaeological experts
- Tourism industry
- Hunters and Fisherman
- Economic development entities
- Impacted governmental entities

If you fit into one of these groups, we are asking for your input. Please review the materials in this newsletter and submit your recommendations and/or suggestions.

**Send comments to:**  
**Shoreline Management Plan**  
**c/o Grand River Dam Authority**  
**226 W. Dwain Willis Avenue, P.O. Box 409**  
**Vinita, OK 74301-0409**

E-mail comments to: [smp@grda.com](mailto:smp@grda.com)  
FAX comments to: **Shoreline Management Plan, 918-256-5289**



Shoreline Management Plan c/o GRDA  
226 W Dwain Willis Ave  
PO Box 409  
Vinita OK 74301-0409

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### GRDA's Grand Lake Shoreline Management Plan

## PUBLIC HEARINGS

#### South Grand Lake

Thursday, February 8, 6:00 P.M.  
*Cleora School Gymnasium*  
HWY 85 & East 295 Road, Cleora OK

#### Grove

Tuesday, February 13, 6:00 P.M.  
*Grove Community Center*  
104 West 3rd, Grove OK

#### Tulsa

Wednesday, February 21, 6:00 P.M.  
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6636 South Mingo, Tulsa OK

#### Oklahoma City

Thursday, March 1, 6:00 P.M.  
*Metro Technology Center- Springlake Campus*  
1900 Springlake Drive, Oklahoma City OK

#### Vinita

Tuesday, March 6, 2:00 P.M.  
*Cowboy Junction*  
HWY 69/60 & South 4380 Road, Vinita OK