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## GROUNDWATER STORAGE PROJECT APPLICATION

This application is for the creation of storage by means other than carryover conversion, specifically when *new* production, spreading, or injection facilities are being proposed within the Central Basin. For Water Augmentation Projects, please submit a “Water Augmentation Project Application.”

Storage projects require review and approval by the Central Basin Storage Panel. The Panel will only approve an application providing that there is no material physical harm or imminent threat to the groundwater supplies of the Central Basin.

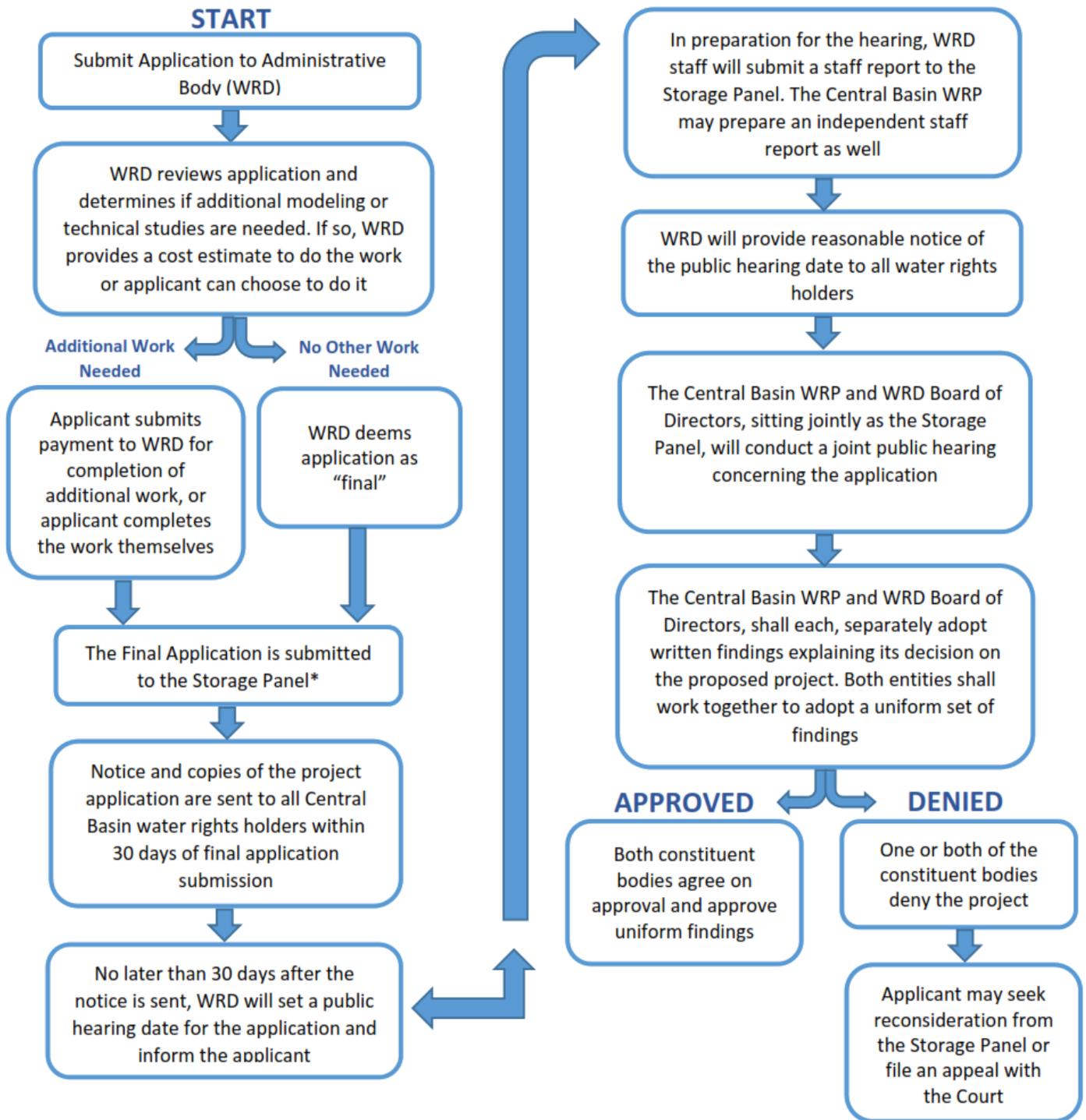
Applicants will be contacted by representatives of the Administrative Body for a review before submittal to the Storage Panel. Applicants will be responsible for completing any edits if necessary. A notice of the project application and copies of all related documents will be sent to all Central Basin water rights holders within 30 days of final application submission. Applicants or their designated representatives are required to attend the hearing on the application as scheduled by the Storage Panel. The Administrative Body will coordinate with Applicants to prepare any materials needed for the Storage Panel hearing. The application review process is outlined on the next page. Applicants will bear all costs associated with the review and implementation of the proposed project application.

Please fully complete all sections of the application. If more space is needed, answer the question on a separate sheet of paper. If a question is not applicable, please indicate so with “N/A.” If you have any questions, please contact Ted Johnson, Chief Hydrogeologist at (562) 275-4240 or [tjohnson@wrd.org](mailto:tjohnson@wrd.org).

Mail or Email Completed and Signed Application To:  
Water Replenishment District of Southern California  
Attn: Ted Johnson, Chief Hydrogeologist  
4040 Paramount Blvd  
Lakewood, CA 90712  
[tjohnson@wrd.org](mailto:tjohnson@wrd.org)

*\* For further information regarding the definition of a storage project or material physical harm, please refer to the Frequently Asked Questions on page three.*

**PROJECT APPLICATION PROCESS**



*\*Storage Panel includes the Central Basin Water Rights Panel (WRP) and WRD Board of Directors*

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## FREQUENTLY ASKED QUESTIONS (FAQS) FOR GROUNDWATER STORAGE PROJECTS

1. **What is a storage project?** *An activity by a party to the Central Basin Third Amended Judgment (Judgement) pertaining to placement, recharge, injection, storage, transfer, or recapture of Stored Water within the Basin.*
2. **Who is eligible?** *An applicant that is a party to the Judgment or an applicant that is a partner with a party to the Judgment.*
3. **What is stored water?** *Water, including recycled water, held within available dewatered space as a result of spreading, injection, in-lieu delivery, or carryover conversion, where there is an intention to subsequently withdraw the water for reasonable and beneficial use pursuant to the Third Amended Judgment. No storage of water shall occur in the Basin except in conformity with the Judgment.*
4. **What is the limit on stored water?** *Parties may not cumulatively have in storage, at any time, stored water totaling more than two-hundred percent (200%) of that party's allowed pumping allocation.*
5. **Is the extraction of water from a storage project exempted from the replenishment assessment?** *Yes, water introduced into the Basin for storage through spreading or injection is not subject to the replenishment assessment.*
6. **Who is allowed to extract water?** *Only a party to the Judgment can extract stored water.*
7. **What is material physical harm?** *Material physical injury or material diminution in the quality or quantity of groundwater available within the Basin to support extraction of the total water rights or stored water, that is demonstrated to be attributable to the placement, recharge, injection, storage or recapture of stored water in the Central Basin, including, but not limited to, degradation of water quality, liquefaction, land subsidence and other material physical injury caused by elevated or lowered groundwater levels.*
8. **When does stored water experience basin losses?** *After 10 consecutive years, water held in the Community Storage Pool will be assessed an annual water loss equal to 5% of the lowest quantity of water held within the party's account. Also, water will be lost if the cumulative quantity of water held as stored plus the quantity of water held within the basin operating reserve, which has a capacity of 110,000 acre-feet, exceeds 330,000 acre-feet. When adjudicated storage and the basin operating reserve are maximized, the first stored water to be deemed lost shall be the last water stored as community storage, which has a capacity of 111,250 acre-feet.*

APPLICATION FOR  
GROUNDWATER STORAGE PROJECT

**Section A: Project Lead**

Agency/ Party Name:	_____	Contact Person:	_____
Address:	_____	Title:	_____
	_____	Telephone:	_____
	_____	Fax:	_____
	_____	Email:	_____
Current APA:	_____	Alpha No. (if known):	_____

**Section B: Other Partners/Participant(s)**

Agency/ Party Name:	_____	Contact Person:	_____
Address:	_____	Title:	_____
	_____	Telephone:	_____
	_____	Fax:	_____
	_____	Email:	_____
Current APA:	_____	Alpha No. (if known):	_____

*Describe purpose for participation:*

\_\_\_\_\_  
\_\_\_\_\_

# CENTRAL BASIN WATER RIGHTS PANEL



Agency/ Party Name:	_____	Contact Person:	_____
Address:	_____	Title:	_____
	_____	Telephone:	_____
	_____	Fax:	_____
	_____	Email:	_____
Current APA:	_____	Alpha No. (if known):	_____

Describe purpose for participation:

\_\_\_\_\_

\_\_\_\_\_

## Section C: General Information

1. Project Name: \_\_\_\_\_
2. Project Description: Please attach your project description to this application as "Attachment A". The description should include at least the project purpose, project requirements, implementation process, technical requirements and schedule with projected timeline and milestones.
3. Project Construction Start and End Date: From: Month/Year To: Month/Year
4. Project Location: \_\_\_\_\_
5. Project Location Map: Please provide a map showing the location of the proposed project. If the project includes injection wells, please provide the exact location of each well (latitude and longitude). If the project includes the capture and storage of stormwater, please include a map or description of the drainage area from which the stormwater will be obtained. Label map "Attachment B".

## Section D: Hydrogeologic Information

Provide a complete description of the subsurface hydrogeologic conditions in the vicinity of the Project and demonstrate how the stored water will reach and become a part of the usable groundwater in the production aquifers and not just shallow perched or other nuisance water. Include geologic and geophysical logs of any drilling at or near the Project to document subsurface conditions, local and/or regional geologic or geotechnical reports of subsurface conditions expected at the Project, maps showing locations of existing water supply wells

# CENTRAL BASIN WATER RIGHTS PANEL



and groundwater flow directions and gradients, any conceptual or numerical models that estimate storage or augmentation amounts, water quality reports of existing groundwater and planned Project water, and any additional information to demonstrate successful storage or augmentation of water into usable Basin production aquifers. Describe how the Project will not cause any material or physical harm to the Basin. Label description "Attachment C".

## Section E: Storage Project Requirements:

All storage projects shall be subject to regular monitoring to determine the actual amount of such new water replenishing the Basin's production aquifers.

1. Party to which the storage will be assigned: \_\_\_\_\_
2. Requested Storage Per Acre-Foot/Year: \_\_\_\_\_
3. Requested Duration of Allocated Storage: \_\_\_\_\_
4. Storage category or categories in which the water will be stored (check all that apply):  
Individual Storage Account:                       Community Storage:
5. Source of stored water, including any water quality data available:  
\_\_\_\_\_  
\_\_\_\_\_
6. Method by which the water will be put into storage (injection wells, spreading grounds, infiltration galleries/trenches, dry wells, bio-swales, etc.):  
\_\_\_\_\_  
\_\_\_\_\_

## Section F: Monitoring and Extraction:

Please attach your responses to the following two questions and label "Attachment D".

1. *Provide a description of the proposed metering devices to verify the volume of water stored and later removed.* The project proponent will be required to establish suitable measuring and recording devices to furnish to the Administrative Body and Storage Panel such records as may be needed to determine with reasonable accuracy the quantity of water placed into storage into the usable production aquifers of the Basin (as compared to perched water or unusable water) and the quantity later recovered under the provisions of the approved project.

**CENTRAL BASIN  
WATER RIGHTS PANEL**



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2. Provide a description of the proposed method to extract the stored water an estimated timeframe in which the extraction will occur and which party will be extracting the stored water:

**Section G: Environmental Compliance & Permits**

Please attach your responses to the following two questions and label "Attachment E".

1. Environmental Compliance: provide a description and status of all applicable environmental documents required in regards to CEQA/NEPA:
2. Permits, Easements, or Certifications: provide a description and status of all applicable permits, easements or certifications required for the proposed project:

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Application Completed By (must be a duly authorized representative):

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Please include attachments and any other supporting documents, such as Technical Memos, Studies, etc., to this signed application.**