

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 West Coast Basin. For Water Augmentation Projects, please submit a “Water Augmentation Project Application.” All storage project applications shall describe the following:

- the nature and location of the new storage facility(s)
- the amount of water to be put into the Basin through the new facility
- any anticipated schedule for introducing the stored water into the Basin and its subsequent extractions
- the government approvals needed for the construction and operation of the facility
- status of any CEQA review documents that have been approved or will be prepared

Submitted applications will be processed, reviewed, and acted upon in accordance with Sections V(12) and (13) of the Judgment and Section IX of the West Basin Watermaster Rules.

Storage projects require review and approval by the West Coast Basin Storage Panel (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 West Coast Basin.

Once an application is completed and submitted, applicants will be contacted by representatives of the Administrative Body for a review before submittal to the Panel. Applicants will be responsible for completing any edits, if necessary. After receipt of an application, the Administrative Body will provide the applicant with a written estimate of the cost to prepare any groundwater modeling or other technical studies that are deemed appropriate. An application shall not be deemed complete until the applicant provides payment to the Administrative Body to cover the estimated cost of any groundwater modeling or technical study. After payment, the Administrative Body will provide the applicant with written monthly/quarterly account of the use of those funds. Within 30 days of the final application submission, the Administrative Body will provide written notice of the application to all parties to the Judgment and post a copy of the completed application on the Administrative Body’s website.

Within 30 days after completion of all groundwater modeling and other technical studies, or if none are required, within 30 days after the application is deemed complete, the Administrative Body will send a notice of the completed application with copies of all documents, including any modeling or studies completed, draft or final CEQA review documents, the Administrative Body’s staff report and recommendation for the project to each member of the Storage Panel and each party to the Judgment. In addition, a hearing date will be scheduled. Copies of all notices required under CEQA must be provided to the Panel and each party to the Judgment simultaneously with the general public. All CEQA notices pertaining to a project will be posted on the Administrative Body’s website.

Applicants or their designated representatives are required to attend the hearing on the application as scheduled by the 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 page 3. Per the Judgment, Section V (13)(B)(3), factors that will be considered by the Panel when reviewing a project, include:

- facilities in the vicinity of the project
- proximity to drinking water wells and depths at which such wells are screened
- depth at which water will be added under the proposed project
- resulting groundwater elevations from the project based on groundwater modeling and other technical studies conducted by the Administrative Body or the applicant, if they elect to do so
- existing contamination, if any, in the vicinity of the project
- preferential groundwater pathways
- the source of the water for the project
- information provided by any party

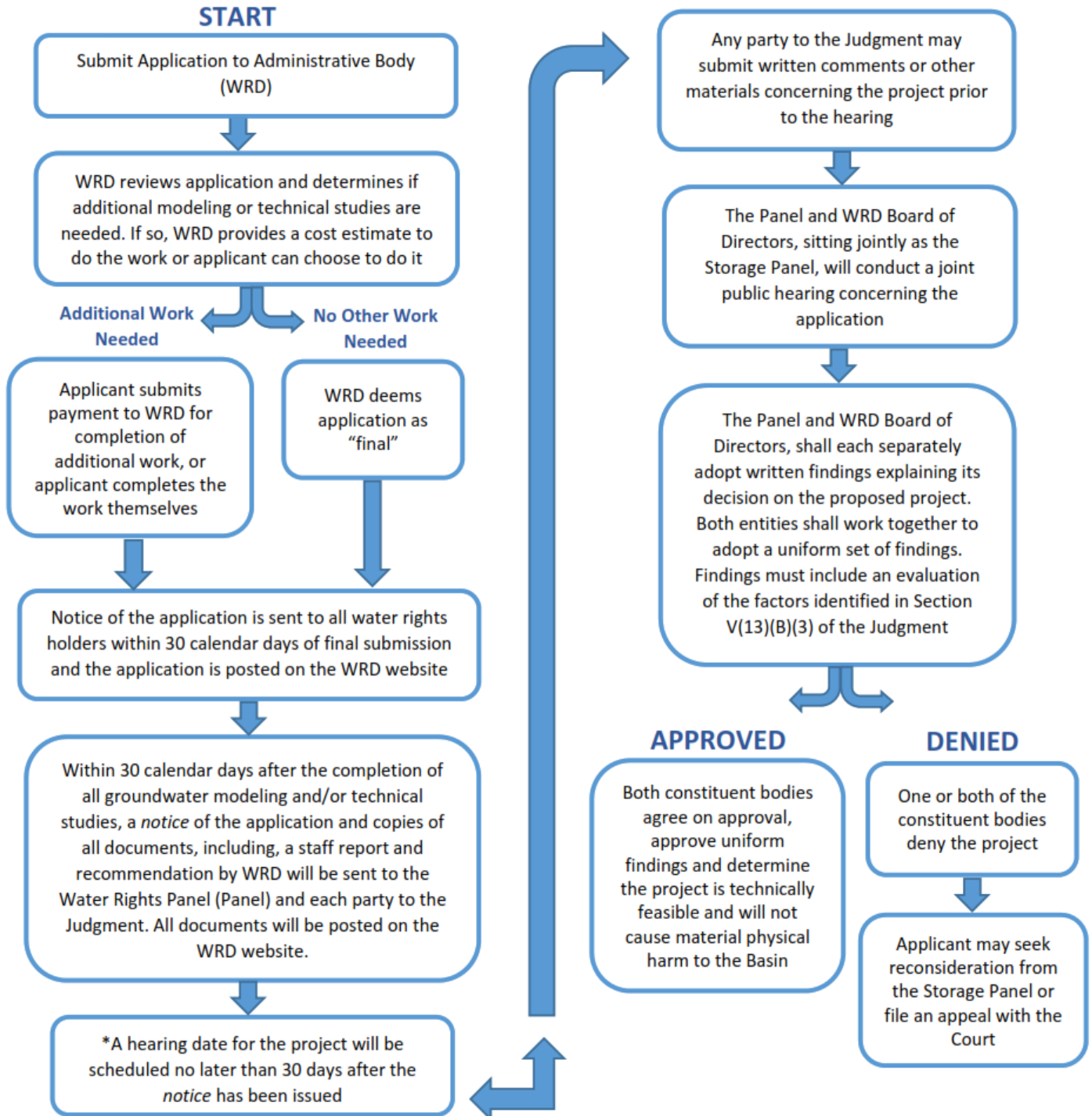
Applicants will bear all costs associated with the review and implementation of the proposed project application per Section V (12)(B)(4) of the Judgment.

Please 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.

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

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

GROUNDWATER STORAGE PROJECT APPLICATION PROCESS



**If the Storage Panel determines that a hearing is not required on the project based on factors listed in Section V(13)(B)(3) of the Judgment, then the Storage Panel will convene a meeting, but not hold a hearing, to make the necessary findings as to why a hearing is not required.*

FREQUENTLY ASKED QUESTIONS (FAQS) FOR GROUNDWATER STORAGE PROJECTS

1. **What is a Storage Project?** *A technically feasible activity by a party to the West Coast Basin Judgment (Judgment) pertaining to placement, recharge, injection, storage, transfer, or recapture of Stored Water within the Basin.*
2. **What is a Regional Storage Project?** *A Regional Storage Project(s) is a special type of storage used by entities that do not hold an adjudicated right, however, any Party to the Judgment may also propose a Regional Storage Project.*
3. **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.*
4. **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 Amended Judgment. No storage of water shall occur in the Basin except in conformity with the Judgment.*
5. **What is the limit on stored water?** *Parties with an adjudicated right may not cumulatively have in storage, at any time, stored water totaling more than two-hundred fifty percent (250%) of that party's adjudicated right.*
6. **Is the extraction of water from a storage project exempted from the replenishment assessment?** *Yes, water introduced into the Basin for storage through an approved storage project is not subject to the replenishment assessment.*
7. **Who is allowed to extract water?** *Only a party to the Judgment can extract stored water.*
8. **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 West Coast 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.*

**APPLICATION FOR
GROUNDWATER STORAGE PROJECT**

Section A: Project Lead

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

Section B: Other Partners/Participant(s)

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

Describe purpose for participation:

Agency/ Party Name: _____ Address: _____ _____ _____ _____	Contact Person: _____ Title: _____ Telephone: _____ Fax: _____ Email: _____
Current Adjudicated Right: _____	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 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 documentation as "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 being stored in 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: Regional 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 with 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.

2. Provide a description of the proposed method to extract the stored water and 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 of government approvals needed for the construction and operation of the new storage project, such as the status of all applicable permits, easements or certifications required for the proposed project.

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

Name: _____

Title: _____

Date: _____

Signature: _____