

**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:

West Coast Basin
WATER RIGHTS PANEL



Agency/ Party Name: _____	Contact Person: _____
Address: _____	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 provide a general description (Executive Summary) of your proposed storage project to this application as "Attachment C-1".
3. Project Construction Start and End Date: From: Month/Year To: Month/Year
4. Project Location: Please provide a description and a map(s) showing the location of the proposed project. If the project includes injection wells or dry 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 and description of the drainage area from which the stormwater will be obtained. Include descriptions and map(s) as "Attachment C-2".

Section D: Hydrogeologic Information

Provide a complete description of the hydrogeologic and water quality conditions at and in the vicinity of the proposed project. Document how the captured water intended for storage will reach and become part of the usable groundwater in the production aquifers of the Basin and not just shallow perched water or other unusable water. Include cross sections and geologic and geophysical logs of boreholes or wells at or near the site demonstrating subsurface conditions. Provide maps showing locations of existing water supply wells within two miles of the project. Provide the depth to groundwater and groundwater flow directions and gradients near the site (groundwater elevation contour maps). Provide conceptual and/or numerical hydrogeologic models to present subsurface conditions and to estimate

the impact of captured and stored water on local groundwater conditions, including mounding or changing of local gradients. Provide existing groundwater water quality data at or near the site, the expected quality of planned captured water for storage, and a description of the compatibility of the two water types. Provide information on any contaminated sites located within one mile of the proposed project using regulatory databases or other means, including site name and address, contaminants of concern, media affected (soil and/or groundwater), depth of contamination, and regulatory status (closed, inactive, investigative, containment, or remediation). Discuss how the storage project water may or may not impact the contamination at the identified sites. Describe how the Project will not cause any material or physical harm to the Basin. Label hydrogeologic and water quality information as "Attachment D-1".

Section E: Storage Project Details and Requirements:

1. Describe in detail the design and construction of the proposed storage project. Specifically, describe the method by which the water will be captured, put into storage (injection wells, spreading grounds, infiltration galleries/trenches, dry wells, bio swales, etc.), and extracted from storage. Include details of planned maintenance of storage and metering equipment. Include detailed information and drawings to describe all measures to capture and infiltrate water desired for groundwater storage credits. Label description "Attachment E-1".
2. Party to which the storage will be assigned: _____
3. Estimated Storage (acre-feet/year): _____
4. Estimated Duration of Allocated Storage: _____
5. Storage category or categories in which the water will be stored (check all that apply):
Individual Storage Account: Community Storage: Regional Storage:
6. Source of stored water:

Section F: Monitoring and Extraction:

Please attach your responses to the following questions and label "Attachment F-1".

1. Provide a description of how the amount of captured and stored water will be determined, including 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 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 and the quantity later recovered under the provisions of the approved project.
2. Describe how the quality of the captured and stored water will be monitored, including frequency and chemical constituents. Please describe how the project will be protective of the groundwater resources in this portion of the West Coast Basin and not provide any material or physical harm to the Basin as requested. To analyze the water quality, the suggested chemical analysis list can be found at:
https://www.waterboards.ca.gov/losangeles/publications_forms/forms/npdes_supplemental_req.pdf.

3. Provide a description of the proposed method to extract the stored water, the 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 questions and label "Attachment G-1".

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.

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

Name: _____

Title: _____

Date: _____

Signature: _____

This application must be a stand-alone document with all necessary information included as part of the application. Documents, such as technical memos, studies, soils or infiltration data, modeling reports, etc., may be provided as supplemental information, but pertinent information from those documents must be included in the appropriate sections of this application.