

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

800 S. Victoria Avenue | Ventura, CA 93009-1610 | Tel: (805) 654-2014 | FCGMA-GSP@ventura.org



Project Evaluation Checklist

BACKGROUND INFORMATION	
Project Name:	Feasibility Study for Supplemental Water Sources in Northern ELPMA
Purpose of Project:	Water Supply
Project Type:	Project Update
Sponsoring Agency:	Fox Canyon Groundwater Management Agency
Groundwater Basin:	Las Posas Valley Basin
Location:	Northern East Las Posas Management Area
Project Description:	The project proposes to investigate the feasibility of providing supplemental water supplies to the northern ELPMA where groundwater elevations are declining.
Implementation Trigger (if applicable):	Not Applicable
Evaluation Criteria	Response (Applicant to Complete)
Water Supply	
Annual increase in Sustainable Yield (AFY):	N/A
Annual increase in supplemental water in lieu of pumping (AFY):	N/A
Groundwater demand reduction (AFY):	N/A
Sustainability indicators addressed:	Groundwater Levels, Groundwater in Storage, Groundwater Quality, Subsidence
Project documentation included?	Yes
Timing/Feasibility	
Project Implementation Timeframe	
Current Project status:	Conceptual - no feasibility or design
Estimated time to Project completion (years):	Greater than 5 years, depending on funding
Timeline / feasibility documentation included?	No
Environmental	
CEQA/NEPA type:	Not Applicable
Status of CEQA/NEPA review and permitting:	Not applicable
Will the Project likely be permitted?	Yes
Sensitivity of location:	N/A
Permitting	
Permits required:	N/A
Status / time required:	N/A
Likelihood of Project being permitted:	High

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Project Complexity	
Does the Project use new technology:	No
Does the Project require land acquisition:	No
Status of the land acquisition process:	Not required or all acquisitions and/or easements complete
Is the Project dependent on other unbuilt or unfunded projects:	No
Is the Project dependent on funded projects currently under construction:	No
Description of Operation and Maintenance (if applicable):	No O&M required for feasibility study
Project Lifespan	
What is the projected lifespan of the Project:	FS will take 1 year (after funding); Project lifespan TBD
Project Phasing	
<i>Please provide documentation of anticipated project phasing, including schedules and costs (capital and O&M) for each phase, as an attachment to this form.</i>	
Does Project require multiple phases of construction?	No
No. of anticipated construction phases:	N/A
Description of phases:	N/A
Phasing timeline:	N/A
Total cost per phase:	N/A
Project phasing documentation attached?	No
Cost and Funding	
Total capital cost:	\$120,000 (for the feasibility study); Project cost TBD
Total annual Operations & Maintenance (O&M) Cost:	N/A
Is the project Proponent providing a funding match to construct the project?	To Be Determined
Is there a funding source other than FCGMA for ongoing operation and maintenance costs?	N/A
Additional Benefits	
Does the project benefit disadvantaged or under-represented communities:	No
If yes, please describe the benefit(s):	
Project Proponent Contact Information	Response (Applicant to Complete)
Name:	Kim Loeb
Title:	Groundwater Manager
Organization:	Fox Canyon Groundwater Management Agency
Email:	kim.loeb@ventura.org

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Project Evaluation Checklist

Phone:	805-650-4083
Date:	9/29/2023

Feasibility Study to identify possible supplemental water supply sources for the northern ELPMA

Description

This project seeks to understand the feasibility of providing supplemental water supplies to the northern area of the ELPMA. The GSP identified the area of the ELPMA north of the Moorpark anticline as a region where groundwater elevations have exhibited historical declines that locally exceed 250 feet. Groundwater elevation trends in this part of the ELPMA differ from those measured in the southern portion of the ELPMA, where groundwater elevations have experienced periods of recovery in response to increasing flow in Arroyo Simi-Las Posas. Groundwater elevations north of the Moorpark anticline are less responsive to flows in Arroyo Simi-Las Posas and are primarily influenced by groundwater production and CMWD's Aquifer Storage and Recovery (ASR) operations. Supplemental water supplies to this area will reduce groundwater demand in this part of the ELPMA.

Relationship to Sustainability Criteria

Relationship to Minimum Thresholds

This is a feasibility study, so it does not have a direct influence on the minimum threshold groundwater levels. If projects are found to be feasible, however, they could reduce groundwater production demand, which would help groundwater levels remain above the minimum thresholds in the ELPMA.

Relationship to Measurable Objectives

This is a feasibility study, so it does not have a direct influence on the minimum threshold groundwater levels. If projects are found to be feasible, however, they could reduce groundwater production demand, which would help groundwater levels remain above the measurable objectives in the ELPMA.

Expected Benefits

This feasibility study is expected to provide a clear understanding of volume of supplemental water supplies, and corresponding piping infrastructure, required to offset groundwater demands and maintain groundwater elevations above the minimum thresholds in the northern portion of the ELPMA. In addition, this feasibility study will provide stakeholders with estimated costs associated with the supplemental water deliveries and corresponding infrastructure requirements and will also provide stakeholders with an estimate of the potential increase to the sustainable yield of the ELPMA.

Timetable for Implementation

It is anticipated that the feasibility study can be completed within a 2-year timeframe following commitment of funds for the project. If a feasible project is identified through this study, timetables for permitting, construction, and project implementation will be developed.

Economic Factors and Funding Sources

This feasibility study is anticipated to cost \$120,000. Potential funding sources include DWR grant opportunities and FCGMA.