# 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:** | Ferro-Rose Artificial Recharge of Groundwater |
| **Purpose of Project:** | Water Supply |
| **Project Type:** | Project Update |
| **Sponsoring Agency:** | United Water Conservation District |
| **Groundwater Basin:** | Oxnard and Pleasant Valley |
| **Location:** | Forebay area of Oxnard Basin |
| **Project Description:** | Expansion and extension of existing conveyance structures (inverted siphon, 3-barrel culvert, Vineyard Ave. crossing), which allows connection to Ferro-Rose basin for more |
| **Implementation Trigger (if applicable):** | None |

| Evaluation Criteria | Response (Applicant to Complete) |
|---|---|
| **Water Supply** | |
| Annual increase in Sustainable Yield (AFY): | 2,000 to 3,000 (2,500 average) |
| Annual increase in supplemental water in lieu of pumping (AFY): | 0 |
| Groundwater demand reduction (AFY): | 0 |
| Sustainability indicators addressed: | Seawater intrusion, chronic declines in groundwater levels/change in storage, groundwater quality, subsidence |
| Project documentation included? | No |
| **Timing/Feasibility** | |
| **Project Implementation Timeframe** | |
| Current Project status: | Initial Feasibility Study complete |
| Estimated time to Project completion (years): | 2 years |
| Timeline / feasibility documentation included? | Yes |
| **Environmental** | |
| CEQA/NEPA type: | CEQA |
| Status of CEQA/NEPA review and permitting: | Underway and approvals expected within 1 year |
| Will the Project likely be permitted? | Yes |
| Sensitivity of location: | Requires pipeline crossing under State Highway 232 (Vineyard Ave.) |
| **Permitting** | |
| Permits required: | Army COE stream crossing and levee modification, CalTrans highway crossing |
| Status / time required: | 1 year |
| Likelihood of Project being permitted: | High |

# FOX CANYON GROUNDWATER MANAGEMENT AGENCY

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

## Project Evaluation Checklist

| | |
|---|---|
| **Project Complexity** | |
| Does the Project use new technology: | No |
| Does the Project require land acquisition: | Yes |
| Status of the land acquisition process: | Required, not started and/or potential eminent domain |
| 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): | Similar to current O&M of Freeman Diversion, but with greater diversions during wet years/periods and expanded sediment |
| **Project Lifespan** | |
| What is the projected lifespan of the Project: | 50+ years |
| **Project Phasing** | |
| *Please provide documentation of anticipated project phasing, including schedules and costs (capital and O&M) for each phase, as an attachment to this form.* | |
| Does Project require multiple phases of construction? | Yes |
| No. of anticipated construction phases: | 3 |
| Description of phases: | 1. Inverted Siphon, 2. Three barrel culvert, 3. Vineyard Undercrossing |
| Phasing timeline: | All phases planned for completion by March 2025, as required under SGM grant |
| Total cost per phase: | FS due to inflation) |
| Project phasing documentation attached? | No |
| **Cost and Funding** | |
| Total capital cost: | $7,000,000 |
| Total annual Operations & Maintenance (O&M) Cost: | $250,000 |
| Is the project Proponent providing a funding match to construct the project? | Yes, 100% of the construction costs can be paid for by United and by grants from agencies other than FCGMA. |
| Is there a funding source other than FCGMA for ongoing operation and maintenance costs? | Yes, 100% of the O&M costs will be paid for by United |
| **Additional Benefits** | |
| Does the project benefit disadvantaged or under-represented communities: | Yes |
| If yes, please describe the benefit(s): | This project will produce more recharge of low-TDS surface water during high flow events, improving water quality for |

| **Project Proponent Contact Information** | **Response (Applicant to Complete)** |
|---|---|
| Name: | Dr. Maryam Bral |
| Title: | Chief Engineer |
| Organization: | United Water Conservation District |
| Email: | MaryamB@UnitedWater.org |
| Phone: | 805-525-4431 |
| Date: | 9/29/2023 |