**“EXHIBIT A”**

**Task 1 – Project Management and Administration**

Grantee will provide technical and administrative services associated with implementation of the Project, including managing this Agreement, assuring all permits are finalized, securing Project Site Access, administering subcontracts, invoicing and payments, drafting and finalizing progress and final reports, and data management.

**Task 2 – SVID Recharge Project:**

This task involves continuation of the SVID Recharge Project, with added focus on ditch water behavior and potential benefits to groundwater recharge and instream flows. Work under this task involves completing necessary reporting efforts to ensure the continuation of this recharge project under the 5-year temporary water rights permit and progress towards a permanent permit application. Reporting includes development of annual Diversion Reports, as required by the under the temporary water rights permits. Existing monitoring sites can be seen in Figure 2 of Attachment 3 to this application. While most of the monitoring sites have telemetry, data collection may involve calibrations, field verifications, quality assurance and quality control of the data as well as fulfilment of the biological monitoring plan, as required under the current 180-day temporary permit. Samples will also be collected for isotope analysis to help evaluate groundwater recharge dynamics. The SVIHM will be used to run long term scenarios and quantity benefits from ditch infiltration and groundwater recharge under different water year types and conditions. Work under this task will be primarily completed by the subcontractor and a Water Rights Consultant.

Deliverables: Diversion Reports, annually with estimated completion by June 1st, Final report, estimated completion by March 15, 2026.

**Task 3 – Ditch Infiltration Studies**

Three locations on the westside of Scott Valley have been identified: Barker ditch, Etna Mill ditch, and Patterson Creek. Monitoring will include continuous groundwater levels and temperature, ditch infiltration and streamflow with existing infrastructure used as much as possible. This task involves monitoring design, diverting under appropriate conditions, completing data collection, and reporting. Monitoring efforts include a network of monitoring wells for each site to measure changes in groundwater levels in areas anticipated to be impacted by ditch infiltration and control wells as a point of comparison. Flow targets, when flows exceed instream flow needs for fish, will be developed as a framework for diversion and biological monitoring will be conducted to ensure no adverse effects on fish. The model will be used to evaluate benefits and examine long term scenarios based on the timing and duration of winter ditch use under different conditions and water year types. Work under this task will be primarily completed by the subcontractor.

Deliverables: Final monitoring design plan, estimated completion by November 30, 2023. Data collection annually by June 1st, Diversion records and reporting annually by June 1st.Final report, estimated completion by March 15, 2026.

**Schedule of Due Dates and Deliverables:**

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| --- | --- | --- | --- |
| **Task** | **Description** | **Deliverables** | **Estimated Completion Dates** |
| 1 | Project Management and Administration | Quarterly Progress Reports | Due within 30 days following each calendar quarter (March, June, September, December) following grant execution. |
| Quarterly Invoices | Due within 30 days following each calendar quarter (March, June, September, December) following grant execution. |
| Copies of Executed Subcontracts | 05/30/2023 |
| Submit Project Data | With Final Report, by 03/15/2026 |
| Final Progress Report | 03/15/2026 |
| Final Invoice | 03/15/2026 |
| 2 | SVID Recharge Project | Final Report | 03/15/2026 |
| Diversion Reports | Due Annually by June 1 |
| 3 | Ditch Infiltration Studies | Final Report | 03/15/2026 |
| Final Monitoring Design | 11/30/23 |
| Diversion Records and Reporting | Due Annually by June 1 |
| **Task** | **Description** | **Deliverables** | **Estimated Completion Dates** |
|  |  | Data Collection Report | Due Annually by June 1 |