



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

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Grant Agreement No.: 46-14652
Progress Report No.: PR #2
Reporting Period: 1/1/2024 TO 3/31/2024
Prepared: 5/15/2024

Project: Implementation Project for the Borrego Springs Subbasin

1. Component 6: Biological Restoration of Fallowed Lands

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD).

The work performed for this task during the reporting period included:

- Corresponded with BWD staff on grant logistics, including meetings to review and discuss the grant reporting formats, and discuss CEQA requirements.
- Completed the fourth quarterly grant progress report and reimbursement request for the October 1, 2023 through December 31, 2023 period. Submitted report materials to BWD Board.
- Performed project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.

Milestones or Deliverables Completed/Submitted:

- Quarterly grant progress report #4
- Reimbursement request #4

Impediments to Completion of Task:

- None.

Activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- Project commenced later than anticipated due to the delay in BWD and DWR executing the grant master agreement; and subsequently the subgrantee agreement between BWD and Watermaster. Though the project commenced later than anticipated, the schedule for all tasks was updated and the project is planned to be completed by March 31, 2025. The schedule delay did not result in any change orders for the project.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

CATEGORY (B) and (C) are not applicable to this component.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks.

Task 1 – Review and Analysis of Existing Data

The work performed for this task during the reporting period included:

- None. This task is complete.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Task 2 – Existing Fallowed Farmland and Reference Natural Habitat Field Study

The work performed for this task during the reporting period included:

- Performed data management and analysis.
- Processed, classified, and analyzed drone imagery.
- Continued development of Draft Habitat Field Study Report and supporting figures.
- Purchased monitoring equipment (e.g., Anemometers).
- Renewed State Parks access agreement.
- Communicated with landowner for performing spring 2024 fieldwork.
- Performed field visits to all reference sites to collect additional wind, environmental, and vegetation data.
- Analyzed new field data and performed analysis of existing data.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

- No impacts to report for this period (beyond overall project schedule delay described for Category (A)).

Task 3 – Brush Pile Wildfire Sand Fence Case Study

The work performed for this task during the reporting period included:

- Published and advertised a Request for Proposal (RFP) for the construction of the Sand Fence Case Study.
- Updated monitoring methods and schedule to account for the delay in construction of the sand fence study to allow for the landowners and the Watermaster to develop suitable easement agreements for the study.
- Purchased monitoring equipment, including erosion pins and particle collector apparatuses.
- Developed monitoring protocols and layout design.
- Began vetting a potential contractor to construct the Sand Fence Case Study.

Milestones or Deliverables Completed/Submitted:

- Sand Fence Designs and RFP.

Impediments to Completion of Task:

- Fewer contractors than anticipated submitted bids to construct the sand fence study in part due to the grant requirements and remoteness of the work site.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period (beyond overall project schedule delay described for Category (A)).

Task 4 – Farmland Fallowing Rehabilitation Strategies

The work performed for this task during the reporting period included:

- Documented farmer, contractor, and project partner feedback on fallowing strategies.
- Documented San Diego County Fire fuel abatement requests to BWD with respect to voluntary sand fence construction on BWD land for incorporation into future fallowing practices recommendations.
- Communicated with and received feedback from stakeholders, including landowners, on potential alternative fallowing standard options.
- Held discussion on state and transition models and literature review.

Milestones or Deliverables Completed/Submitted:

- None.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period (beyond overall project schedule delay described for Category (A)).

Task 5 – Farmland Fallowing Prioritization

The work performed for this task during the reporting period included:

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period (beyond overall project schedule delay described for Category (A)).

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks.

Task 6 – Conduct Environmental Working Group (EWG) Meetings

The work performed for this task during the reporting period included:

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period (beyond overall project schedule delay described for Category (A)).



2. Component 7: Monitoring, Reporting and Groundwater Management Plan Update

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD).

The work performed during the invoice period includes:

- Corresponded with BWD staff on grant reimbursement status and report reviews.
- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Completed the fourth quarterly grant progress report and reimbursement request for the October 1, 2023 through December 31, 2023 period.
- Prepared summary of the payment status and total amount requested from the first four grant reimbursement requests.
- Requested and reviewed standard contract of potential subcontractor Well Tec and compared to grant insurance requirements.

Milestones or Deliverables Completed/Submitted:

- Quarterly grant progress report #4
- Reimbursement request #4

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

CATEGORY (B) PLANNING, DESIGN, ENVIRONMENTAL. The work to be performed for this task includes the planning, design, and environmental review portion of the Component 7 tasks.

Task 1 - Environmental Documentation/Permitting

The work performed for this task during the reporting period included:

- This task is complete.

Milestones or Deliverables Completed/Submitted:

- Notice of Exemption.



Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Task 2 – Design Plans and Specifications

The work performed for this task during the reporting period included:

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- Due to funding constraints, work on the surface water monitoring station could not commence until the grant agreement was fully in place. This task was not commenced as scheduled due to the significant delay in executing the grant master agreement between BWD and DWR; and subsequently the subgrantee agreement between BWD and Watermaster. Through discussions with the Watermaster's Technical Advisory Committee, the surface water monitoring station implementation was deemed infeasible to complete at the present time because there is insufficient time in the remaining grant period to address access agreements with the Anza Borrego Desert State Park, and limited time to perform the monitoring within the grant period. The feasibility of installing a surface water monitoring station will be evaluated in the future. The request to make this change to the grant project was submitted by BWD to DWR on July 27, 2023 and was approved by DWR on February 26, 2024. This task will be removed from future quarterly reports as it has been removed from the scope of work.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- Given that the surface water monitoring stations design and construction was deemed infeasible (noted above), BWD submitted a formal request to DWR to transfer the unused budget to Category (d) Task 12: Redetermination of the Sustainable Yield of The Borrego Springs Subbasin to support additional work that was recommended by the Watermaster's Technical Advisory Committee after completing the first phase of work in Task 12.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 included two construction and implementation tasks in the grant agreement – implementation of the surface water monitoring station at Coyote Creek and Identify and Address Improperly Abandoned Wells.

Task 3 - Construction Management

The work performed for this task during the reporting period included:

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Task 4 - Construct of New Monitoring Facilities (Surface Water Station)

The work performed for this task during the reporting period included:

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- Due to funding constraints, work on the surface water monitoring station could not commence until the grant agreement was fully in place. This task was not commenced as scheduled due to the significant delay in executing the grant master agreement between BWD and DWR; and subsequently the subgrantee agreement between BWD and Watermaster. Through discussions with the Watermaster's Technical Advisory Committee, the surface water monitoring station implementation was deemed infeasible to complete at the present time because there is insufficient time in the remaining grant period to address access agreements with the Anza Borrego Desert State Park, and limited time to perform the monitoring within the grant period. The feasibility of installing a surface water monitoring station will be evaluated in the future. The request to make this change to the grant project was submitted by BWD to DWR on July 27, 2023 and was approved by DWR on February 26, 2024. This task will be removed from future quarterly reports as it has been removed from the scope of work.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- Given that the surface water monitoring stations design and construction was deemed infeasible (noted above), BWD submitted a formal request to DWR to transfer the unused budget to Category (d) Task 12: Redetermination of the Sustainable Yield of The Borrego Springs Subbasin to support additional work that was recommended by the Watermaster's Technical Advisory Committee after completing the first phase of work in Task 12. The request to make this change to the grant project was submitted by BWD to DWR on July 27, 2023 and was approved by DWR on February 26, 2024. This task will be removed from future quarterly reports as it has been removed from the scope of work.

Task 5 – Identify and Address Improperly Abandoned Wells

The work performed for this task during the reporting period included:

- Developed step-wise approach to addressing inactive/abandoned wells in the Basin and defined next steps for assessing and adding inactive/abandoned wells to the monitoring network.
- Began preparation of data confidentiality agreements for owners of inactive/abandoned wells participating in the groundwater monitoring program.
- Reviewed well assessment report for the Viking well.
- Identified next steps for adding abandoned wells to the monitoring network and monitoring during the spring 2024 monitoring event.
- Assessed potential to convert an inactive well to a monitoring well.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks.

Task 6 - Groundwater Pumping Monitoring

The work performed for this task during the reporting period included:

Monthly Collection and Processing of Meter Read Data

- Collected, compiled, and managed all Basin pumping data to ensure compliance with pumping Rampdown, including:



- Cataloged and processed monthly meter reads for December 2023 through February 2024.
- Calculated pumping by well for December 2023 through February 2024.
- Performed QA/QC of December 2023 through February 2024 pumping data.
- Communicated with Parties on questions regarding meter read values.
- Communicated with McCrometer Meters regarding issues with telemetry systems not reporting meter read data to the data portal.

Annual Meter Verification

- Compiled and reviewed all meter test results to assess compliance with accuracy standards. Completed tracking sheet to document all meter test outcomes.
- Updated meter test results tracking sheet to document meter test outcomes from newly received test results and assessed compliance with accuracy standards.
- Checked in with parties and vendor on the status on completing meter verification testing.
- Reimbursable expenses billed this period include annual meter verification tests (invoices from McCall's Meter Sales & Service and McKeever Water Well & Pump Services).

Milestones or Deliverables Completed/Submitted:

- Completed monthly calculation of pumping data for all metered wells for December 2023 through February 2024.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Tasks 7 and 8 - Groundwater Level and Quality Monitoring Program

The work performed for this task during the reporting period included:

Semi Annual Monitoring Events -

- Completed the fall 2023 semi-annual monitoring report.
- Communicated with well owners to describe groundwater monitoring program participating and execute entry agreements with well owners new to the monitoring program.
- Corresponded with County of San Diego staff regarding monitoring of a County-owned well.
- Prepared for the spring 2024 semi-annual monitoring event, which included: scheduling the sampling subcontractor (Blaine Tech), obtaining a quote from Clinical Laboratory for groundwater-quality sample analysis, ordering sample bottles, refining list of new wells to monitor for groundwater level and quality and the specific steps to take prior to monitoring, and communicating with well owners about monitoring schedules.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

- Reimbursable expenses billed this period include laboratory analysis of groundwater quality samples collected during the fall 2023 semi-annual monitoring event (Clinical Laboratory).

Milestones or Deliverables Completed/Submitted:

- Semi-Annual Report of Groundwater Level and Quality Results: Fall 2023.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- None.

Task 9 - Surface Water Flow Monitoring

The work performed for this task during the reporting period included:

- No work performed during this period.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- Due to funding constraints, work on the design and construction and monitoring of a new surface water monitoring station on Coyote Creek could not commence until the grant agreement was fully in place. This task was not commenced as scheduled due to the significant delay in executing the grant master agreement between BWD and DWR; and subsequently the subgrantee agreement between BWD and Watermaster. Through discussions with the Watermaster's Technical Advisory Committee, the surface water monitoring station implementation was deemed infeasible to complete at the present time because there is insufficient time in the remaining grant period to address access agreements with the Anza Borrego Desert State Park, and limited time to perform the monitoring within the grant period. The feasibility of installing a surface water monitoring station will be evaluated in the future.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- Given that the surface water monitoring stations design and construction (for a new station) was deemed infeasible (noted above), BWD submitted a formal request to DWR to transfer the unused budget for monitoring the new station to Category (d) Task 12: Redetermination of the Sustainable Yield of the Borrego Springs Subbasin to support additional work that was



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

recommended by the Watermaster's Technical Advisory Committee after completing the first phase of work in Task 12.

Task 10 - Maintain and Enhance the Data Management System

The work performed for this task during the reporting period included:

- Digitized and loaded well construction information to DMS, including information from private wells and wells identified on DWR's Well Completion Report tool.
- Performed QA/QC of fall 2023 groundwater level measurements of BWD wells and incorrect data in the historical data inherited from the Groundwater Sustainability Agency (GSA).
- Processed and uploaded historical groundwater elevation data for private wells in the Basin received from DWR.
- Reviewed updated database with new information obtained for reference points of wells sampled and canvassed in the field during November 2023.
- Submitted revisions to fall 2023 groundwater level data to the DWR Monitoring Network Module (MNM) and communicated with DWR regarding collapsed monitoring well that can no longer be monitored/reported.
- Prepared for and participated in a phone call with DWR to discuss resolving a duplicate well in DWR's MNM portal.
- Submitted the final WY 2023 Annual Report to the DWR via the SGMA MNM.

Milestones or Deliverables Completed/Submitted:

- Fall 2023 groundwater level data submitted to SGMA MNM.
- Submitted WY 2023 Annual Report to SGMA MNM.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Task 11 - Annual Reporting to the Court and DWR

The work performed for this task during the reporting period included:

Annual Water Rights Accounting

- No work performed during this reporting period.

Annual Report to the Court and DWR

- Prepared the draft and final Water Year 2023 Annual Report to the Court and DWR.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

Milestones or Deliverables Completed/Submitted:

- Water Year 2023 Draft Annual Report.
- Water Year 2023 Final Annual Report.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

Task 12 - Redetermination of the Sustainable Yield of the Borrego Springs Subbasin

The work performed for this task during the reporting period included:

- Prepared a memo on the status update of the Redetermination of the Sustainable Yield.
- Began work on Task 4 of the approved scope of work – Model Recalibration, including:
 - Developed recalibration approach.
 - Selected model calibration targets and data and prepared observation file.
 - Selected parameters and pilot points for model recalibration
 - Prepared the version of the Borrego Valley Hydrologic Model (BVHM) to calibrate in Task 4, ran the BVHM through WY 2022, and prepared water budget table.
 - Developed script to post-process model-estimated pumping for wells in the MNW2 package.
- Conducted a literature review and interviews with farmers in Borrego Springs to discuss historical irrigation practices in the Basin to select historical irrigation efficiency values to use in the BVHM.
- Prepared summary materials (memos, figures, and tables) on the preparatory work for Task 4 and distributed to the TAC for review.

Milestones or Deliverables Completed/Submitted:

- Technical memorandum on the preparatory work for Task 4.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- Upon completion of the first phase of work in WY 2022, it was determined that the scope of work and budget to complete the redetermination of the Sustainable Yield would need to be modified to address specific issues (documented in task reports). The Technical Advisory Committee recommended a revised scope of work and budget. To cover the costs of the



increased budget, Watermaster proposes to use funds initially planned for use for the design, construction, and monitoring of a new surface water station in Coyote Creek which has been deemed infeasible (see discussions under Category (b), Category (c), and Category (d) Task 9. If DWR approves this transfer of funds, no change orders will be necessary. BWD submitted a formal request to DWR to transfer the unused budget for the surface water monitoring work that can no longer be performed in Categories (b) and (c) to this Category (d) Task 12. The request to make this change to the grant project was submitted by BWD to DWR on July 27, 2023 and was approved by DWR on February 26, 2024. This task will be removed from future quarterly reports as it has been removed from the scope of work.

Task 13 – Prepare the 2025 GMP Update

The work performed for this task during the reporting period included:

- Began working on text of the Groundwater Management Plan (GMP) Assessment Report.
- Prepared summary tables of the Sustainable Management Criteria for Representative Monitoring Wells.
- Prepared figures presenting historical and current data compared to Sustainable Management Criteria and model results.

Milestones or Deliverables Completed/Submitted:

- None.

Impediments to Completion of Task:

- None.

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks.

Task 14 - Interested Party Outreach

The work performed for this task during the reporting period included:

Board Meetings

- None for the reporting period.

Technical Advisory Committee Meetings*

*Note: all TAC meetings were held remotely during the reporting period.

- Scheduled, prepared for, and attended Ad-Hoc TAC meeting on March 29, 2024.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

- Prepared technical information and presentation materials for March 29, 2024 Ad Hoc TAC meeting.
- Prepared meeting report-out for the March 29, 2024 Ad Hoc TAC and distributed to the TAC via email. All TAC meeting documents and recordings are available on the Watermaster's website.
- Prepared draft TAC agenda and scheduled May 2024 working meeting.
- Met with Dr. Russell Detwiler, a new TAC representative, to provide an overview of TAC activities and current efforts.
- Reviewed and communicated with TAC members to address TAC comments on the methods to Redetermine the Sustainable Yield, and the process, schedule, and the expectations of TAC participation during the process to redetermine the Sustainable Yield.

Stakeholder Open House

- No work performed in this reporting period.

Maintain Website and Grant Communications

- No work performed in this reporting period.

Milestones or Deliverables Completed/Submitted:

- TAC Meeting: 3/29/2024 Ad-Hoc meeting agenda, packet, presentation, and meeting report-out.

Impediments to Completion of Task:

- Though not an impediment to completion, through further discussions with DWR, the plan to use grant funding to support Board meetings was changed. Instead, the funds planned for covering Board meeting costs related to grant implementation were distributed to other grant-funded tasks, such as to support additional work to redetermine the Sustainable Yield in Task 12. The request to make this change to the grant project was submitted by BWD to DWR on July 27, 2023 and was approved by DWR on February 26, 2024. This task will be removed from future quarterly reports as it has been removed from the scope of work..

Describe activities that negatively or positively impacted the schedule and/or budget. If Change Orders (COs) have been approved, describe the reason for those and how the situation was resolved.

- No impacts to report for this period.



3. Activities for Next Reporting Period:

Component 6: Biological Restoration of Fallowed Lands

Work to be completed during the next invoice period (April through June 2024) includes:

CATEGORY (A) COMPONENT ADMINISTRATION

- Manage staff and report on project progress.
- Prepare quarterly invoices and quarterly progress report for submittal to BWD and DWR for the reimbursement period of April 1, 2024 through June 30, 2024.
- Perform monthly project management tasks including budget, schedule, and scope of work progress evaluations.

CATEGORY (B) and (C) are not applicable to this component.

CATEGORY (D) MONITORING, ASSESSMENT

Task 1 – Review and Analysis of Existing Data

- This task is complete.

Task 2 - Existing Fallowed Farmland and Reference Natural Habitat Field Study

- Analyze spring 2024 field data and continue re-analysis of study data.
- Develop draft Habitat Field Study Report and distribute to the EWG for review.

Task 3 - Brush Pile Wildlife Sand Fence Case Study

- Hire a contractor to construct the sand fence samples at the selected project sites.
- Begin construction of sand fence samples.

Task 4 - Farmland Fallowing Rehabilitation Strategies

- Begin reviewing study results to support recommendations of updated fallowing rehabilitation strategies.

Task 5 - Farmland Fallowing Prioritization

- No activity planned.

CATEGORY (E) STAKEHOLDER OUTREACH MONITORING, ASSESSMENT

Task 6 - Conduct Environmental Working Group (EWG) Meetings

- Prepare for an EWG Meeting to be held in summer 2024 to discuss results of the draft report on the Existing Fallowed Farmland and Reference Natural Habitat Field Study (Task 2).



Component 7: Monitoring, Reporting and Groundwater Management Plan Update

Work to be completed during the next invoice period (April through June 2024) includes:

CATEGORY (A) COMPONENT ADMINISTRATION

- Prepare quarterly invoices and quarterly progress report for submittal to BWD and DWR for the reimbursement period of April 1, 2024 through June 30, 2024.
- Perform monthly project management tasks including budget, schedule, and scope of work progress evaluations.

CATEGORY (B) PLANNING, DESIGN, ENVIRONMENTAL

Task 1 – Environmental Documentation/Permitting

- No work planned.

Task 2 – Design Plans and Specifications

- No work planned.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION

Task 3 - Construction Management

- Identify and hire a contractor to perform well securing and conversion to monitoring wells.

Task 4 - Construction of New Monitoring Facilities (Surface Water Station)

- No work planned.

Task 5 – Identify and Address Improperly Abandoned Wells

- Continue planning the logistics to identify abandoned wells and determine if they can be added to the groundwater level and groundwater quality monitoring programs or are candidates for abandonment.
- Continue planning the logistics to secure six existing (abandoned) wells in the groundwater level and groundwater quality monitoring programs, including repairing well casings, constructing concrete bases, and adding stick-ups to ground surface.
- Execute data confidentiality agreements for owners of inactive/abandoned wells participating in the groundwater monitoring program.

CATEGORY (D) MONITORING, ASSESSMENT

Task 6 - Groundwater Pumping Monitoring

Monthly Collection and Processing of Meter Read Data

- Collect and process monthly meter reads for March, April, and May 2024.
- Complete monthly calculation of pumping data for all metered wells for March, April, and May 2024.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

Annual Meter Verification

- Continue to follow-up with Parties to complete annual meter accuracy verification tests if results not received.

Tasks 7 and 8 - Groundwater Level and Quality Monitoring

Semi-Annual Monitoring Events

- Prepare for and perform the semi-annual groundwater level and groundwater quality monitoring event in spring 2024 (scheduled for April 2024).
- Begin processing and reviewing the results of the spring semi-annual groundwater monitoring event, as available.
- Prepare the Semi-Annual Monitoring Event Report for spring 2024.

Prepare Groundwater Monitoring Plan Update

- This task is complete.

Task 9 - Surface Water Flow Monitoring

- No work planned.

Task 10 - Maintain and Enhance the Data Management System

- Add new wells to HydroDaVE from site visits and community outreach efforts.
- Collect and process any available cooperators data.

Task 11 - Annual Reporting to the Court and DWR

Annual Water Rights Accounting

- No work planned.

Annual Report to the Court and DWR

- No work planned.

Task 12 - Redetermination of the Sustainable Yield of the Borrego Springs Subbasin

- Continue and complete work on model recalibration (Task 4 of approved scope-of-work).
- Develop and implement methodology for using OpenET data to validate model results, as requested by the TAC.
- Prepare technical memorandum on the methods and results of performing Task 4 – Model Recalibration to Redetermine the Sustainable Yield.

Task 13: Prepare the 2025 GMP Update

- Continue preparation of figures, texts, and tables of the 5-year GMP Assessment Report.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

CATEGORY (E) STAKEHOLDER OUTREACH

Task 14 - Interested Party Outreach

Board Meetings

- No work planned.

Technical Advisory Committee Meetings

- Conduct a working meeting of the TAC in May 2024 to discuss the methodology for performing Task 4 – Model Recalibration to Redetermine the Sustainable Yield.
- Conduct a working meeting of the TAC in June 2024 to discuss i) the results of performing Task 4 – Model Recalibration to Redetermine the Sustainable Yield and, ii) review draft sections of the 5-year GMP Assessment Report.
- Circulate a technical memorandum for the TAC's review on the methods and results of performing Task 4 to Redetermine the Sustainable Yield.

Stakeholder Open House

- Develop a flyer advertising the Spring 2024 Open House.
- Hold a Stakeholder Open House in Borrego Springs in May 2024.

Maintain Website and Grant Communications

- Update Watermaster website with latest documents.



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

4. Project Cost Update:

Component 6: Biological Restoration of Fallowed Lands

ESTIMATED TOTAL PROJECT COST INCURRED THIS REPORTING PERIOD:	\$36,074.30
ESTIMATED TOTAL PROJECT COST INCURRED TO DATE:	\$347,808.48

Component 7: Monitoring, Reporting and Groundwater Management Plan Update

ESTIMATED TOTAL PROJECT COST INCURRED THIS REPORTING PERIOD:	\$143,741.25
ESTIMATED TOTAL PROJECT COST INCURRED TO DATE:	\$946,191.36



Grantee: Borrego Water District
Project Name: Implementation Project for the
Borrego Springs Subbasin
Grant #: 46-14652

5. Other Major Issues:

Component 6: Biological Restoration of Fallowed Lands

Not applicable.

Component 7: Monitoring, Reporting and Groundwater Management Plan Update

As discussed previously, the surface water monitoring station implementation was deemed infeasible to complete at the present time because there is insufficient time in the remaining grant period to address access agreements with the Anza Borrego Desert State Park, and limited time to perform the monitoring within the grant period.

An amendment was submitted by BWD to modify the scope of work to remove and adjust tasks and associated budgets (as described previously) on July 27, 2023. This change was approved by DWR on February 26, 2024.

Component 6. Quarter 1 - Watermaster Monitoring Reporting and GMP Update				
Cat. (a) Component Administration				
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount
West Yost	Component Administration	2057003	1/31/2024	\$ 442.00
West Yost	Component Administration	2057698	2/28/2024	\$ 890.25
West Yost	Component Administration	2057890	3/31/2024	\$ 497.25
Land IQ	Component Administration	5856	1/31/2024	\$ 245.00
Land IQ	Component Administration	5906	2/29/2024	\$ 400.00
Land IQ	Component Administration	5954	3/31/2024	\$ 562.50
Component Administration Subtotal				\$ 3,037.00
Cat. (b): Environmental/Engineering/Design				
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount
Environmental/Engineering/Design Subtotal				\$ -
Cat. (c): Implementation/Construction				
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount
Implementation/Construction Subtotal				\$ -
Cat. (d): Monitoring/Assessment				
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount
Land IQ	Task 2: Habitat Field Study	5856	1/31/2024	\$ 640.00
Land IQ	Task 2: Habitat Field Study	5856	1/31/2024	\$ 5,820.00
Land IQ	Task 3: Sand Fence Case Study	5856	1/31/2024	\$ 160.00
Land IQ	Task 3: Sand Fence Case Study	5856	1/31/2024	\$ 1,464.08
Land IQ	Task 4: Following Rehab Strategies	5856	1/31/2024	\$ 1,998.75
West Yost	Task 3: Sand Fence Case Study	2057003	1/31/2024	\$ 948.00
West Yost	Task 3: Sand Fence Case Study	2057698	2/29/2024	\$ 316.00
Land IQ	Task 2: Habitat Field Study	5906	2/29/2024	\$ 3,072.50
Land IQ	Task 2: Habitat Field Study	5906	2/29/2024	\$ 600.00
Land IQ	Task 2: Habitat Field Study	5906	2/29/2024	\$ 6,767.41
Land IQ	Task 3: Sand Fence Case Study	5906	2/29/2024	\$ 1,421.34
Land IQ	Task 4: Following Rehab Strategies	5906	2/29/2024	\$ 80.00
Land IQ	Task 2: Habitat Field Study	5954	3/31/2024	\$ 417.50
Land IQ	Task 2: Habitat Field Study	5954	3/31/2024	\$ 5,764.91
Land IQ	Task 3: Sand Fence Case Study	5954	3/31/2024	\$ 2,597.00
Land IQ	Task 4: Following Rehab Strategies	5954	3/31/2024	\$ 146.25
Land IQ	Task 4: Following Rehab Strategies	5954	3/31/2024	\$ 823.56
Monitoring/Assessment Subtotal				\$ 33,037.30
Cat. (e): Engagement/Outreach				
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount
Engagement/Outreach Subtotal				\$ -
COMPONENT GRAND TOTAL				\$ 36,074.30



Land IQ, LLC
2020 L Street
Suite 210
Sacramento, CA 95811
www.landIQ.com

Borrego Springs Watermaster
c/o West Yost & Associates
23692 Birtcher Drive
Lake Forest, CA 92630

INVOICE

Invoice Date: 1/31/24
Total Amount: \$10,327.83
Invoice Number: 5856
Invoice Period: 01/01/24 - 01/31/24
Engagement: Borrego Springs Watermaster

Summary of Charges

Description	Amount
Task A. LIQ (WY23/24) Project Management	\$245.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	\$640.00
Task 3: LIQ (WY23/24) Brush Pile Wildlife Sand Fence Case Study	\$160.00
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	\$1,998.75
Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$5,820.00
Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study Expenses	\$1,464.08
TOTAL AMOUNT DUE	\$10,327.83



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2020 L Street
Suite 210
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INVOICE

Invoice Date: 1/31/24
Total Amount: \$10,327.83
Invoice Number: 5856
Invoice Period: 01/01/24 - 01/31/24
Engagement: Borrego Springs Watermaster

SUMMARY OF FEES

Source	Hrs	Rate	Amount
Task A. LIQ (WY23/24) Project Management			
Laura McFadden	1.50	\$110.00	\$165.00
Robert Travis Brooks	0.50	\$160.00	\$80.00
Task A. LIQ (WY23/24) Project Management	2.00		\$245.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			
Robert Travis Brooks	4.00	\$160.00	\$640.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	4.00		\$640.00
Task 3: LIQ (WY23/24) Brush Pile Wildlife Sand Fence Case Study			
Robert Travis Brooks	1.00	\$160.00	\$160.00
Task 3: LIQ (WY23/24) Brush Pile Wildlife Sand Fence Case Study	1.00		\$160.00
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			
Stephanie Tillman	10.25	\$195.00	\$1,998.75
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	10.25		\$1,998.75
TOTAL FEES & EXPENSES	17.25		\$10,327.83

TIME & EXPENSE DETAIL

Date	Task	Description	Hrs	Rate	Amount
Robert Travis Brooks					
1/30/24	Task A. LIQ (WY23/24) Project Management	Monthly invoice	0.50	\$160.00	\$80.00
1/19/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review of study design documents and coordination for sand fence study	2.00	\$160.00	\$320.00
1/30/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Project support	2.00	\$160.00	\$320.00
1/12/24	Task 3: LIQ (WY23/24) Brush Pile Wildlife Sand Fence Case Study	Review of Docs	1.00	\$160.00	\$160.00
			Robert Travis Brooks	5.50	\$880.00
Laura McFadden					
1/17/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.25	\$110.00	\$27.50
1/30/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	1.00	\$110.00	\$110.00
1/2/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.25	\$110.00	\$27.50
			Laura McFadden	1.50	\$165.00
Stephanie Tillman					
1/8/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with Travis and Megan re RFP comments	0.25	\$195.00	\$48.75
1/9/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordinated review of RFP subcontract	0.25	\$195.00	\$48.75
1/10/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordination with team on RFP doc finalization	0.50	\$195.00	\$97.50
1/4/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	RFP coordination	0.25	\$195.00	\$48.75
1/5/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with Travis and Andy re RFP schedule	0.25	\$195.00	\$48.75
1/2/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	reminder to Mica to review subcontract language	0.25	\$195.00	\$48.75
1/3/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with Travis re RFP review; finalized and assembled RFP docs and sent to Andy to review	1.00	\$195.00	\$195.00
1/16/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	budget tracking	0.25	\$195.00	\$48.75
1/22/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	RFP finalization coordination	0.75	\$195.00	\$146.25

INVOICE

Date	Task	Description	Hrs	Rate	Amount
1/23/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	mtg w/Travis re RFP dates and finalization; finalized docs and sent to Travis for review; communication with Andy re RFP schedule; reviewed prevailing wage info	2.00	\$195.00	\$390.00
1/24/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	RFP coordination with Andy and Travis; sent RFP to landowners and contractors	1.25	\$195.00	\$243.75
1/25/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordination with Andy re RFP approval	0.25	\$195.00	\$48.75
1/30/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	project scheduling for construction	0.25	\$195.00	\$48.75
1/11/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordination with UCI team re revisions to RFP docs - specs; revisions to specs	1.00	\$195.00	\$195.00
1/12/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	finalized RFP docs and sent status update to Travis; sent RFP docs to landowners	1.75	\$195.00	\$341.25
		Stephanie Tillman	10.25		\$1,998.75
		TOTAL FEES	17.25		\$3,043.75

Date	Code	Task	Description	Amount
Land IQ Expenses				
1/31/24	Professional Services	Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	UCI: January 1-January 31, 2024 (Invoice No: 22927374-58786)	\$5,820.00
1/31/24	Professional Services	Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study	UCI: January 1-January 31, 2024 (Invoice No: 22927374-58786)	\$1,464.08
			Land IQ Expenses	\$7,284.08
			TOTAL EXPENSES	\$7,284.08
TOTAL AMOUNT DUE				\$10,327.83



Invoice No: 22927374-58786

Contracts and Grants Accounting

228 Aldrich Hall
 Irvine, CA 92697-1050
 Fax: (949) 824-3895

Date: 02/27/2024
 Federal Tax ID: 95-2226406
 Proposal Number: 105753
 UC Fund Number: 58786
 Reference:

LAND IQ, LLC
 2020 L STREET, SUITE 210
 SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754
Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator: Lulow, Megan
Project Title: 01/02/2023 to 03/31/2025

Billing Period: 01/01/2024-01/31/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Labor - Task A	\$5,837.45	\$5,837.45	\$0.00
Labor - Task 1	\$16,250.00	\$16,250.00	\$0.00
Labor - Task 2	\$61,751.38	\$55,931.38	\$5,820.00
Labor - Task 3	\$18,639.94	\$17,175.86	\$1,464.08
Labor - Task 6	\$3,700.00	\$3,700.00	\$0.00
Direct Expense	\$9,441.67	\$9,441.67	\$0.00
	\$115,620.44	\$108,336.36	\$7,284.08
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	\$115,620.44	\$108,336.36	\$7,284.08
Current Invoice Total			\$7,284.08

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By

DocuSigned by:

 A5C03A9D5EAD46F...

Griselda Duran
 Manager, Contracts & Grants Accounting

January 2024 UCI activities

Task 2 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Finalizing figures and draft report of the vegetation community from 9 retired farmland sites and 7 natural reference sites
- Facilitate and review vegetation results
- Discussion of March field work dates and amendments to reservation
- Finalizing figures and draft report of soil texture, type, and salinity from 9 retired farmland sites and 7 natural reference sites
- Finalizing figures and draft report of landscape structure and function from 9 retired farmland sites and 7 natural reference sites
- Finalizing drone methods and figures for report
- Meeting to bring drone and ground measurements results together and next steps with heterogeneity in landscape

Task 3 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Provided feedback on the Sand Fence RFP
- Sand Fence methodology review adjustments and finalizing RFP
- Admin and budget management & coordination
- Discussions among team members on sand fence treatments and sampling
- Sand fence sampling porosity design and protocol discussions
- Multiple pilot photo days refining porosity measurements and criteria
- Created protocol and drive folder for porosity calculations
- Calculated porosity from images of sample fences on site
- Discussion of drone capabilities relative to sand fence

SUMMARY OF LABOR PER HOUR

Individual	January 2024			GAEL
	Time (h)	Salary Total	Rate (h)	
Post-Doctoral Researcher 1 (Fiore)*	40.18	\$ 1,216.83	\$ 30.28	\$ 12.29
Post-Doctoral Researcher 2 (Brigham)*	40.18	\$ 1,216.83	\$ 30.28	\$ 12.29
Research Associate 1 (Rood)**	29.92	\$ 1,190.92	\$ 39.81	\$ 12.03
Research Associate 2 (Coffey)*	49.43	\$ 1,495.45	\$ 30.25	\$ 15.10
Senior Scientist 2 (Lulow)*	9.54	\$ 530.51	\$ 55.61	\$ 5.36
*monthly rate divided by working hours per month		\$ 5,650.54		\$ 57.07

Control Account:



KFS Fund Summary Report

FS0150D

Fiscal Year: 2024 As of: 07 - JAN. 2024

This period is Closed. The closing date for this period is 02/07/2024

Run Date/Time: 03/01/2024 11:34:17 AM
 Page #: 1 of 1
 Run by: Griselda Duran

Control Account: IR-UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Control Account	Org	Account	Account / Object Name	Consolidation	Object	MTD Actuals	ITD Budget	ITD Actual	YTD Budget	YTD Actuals	Encumbrances	Variance W/ Encumbrance
ASSETS												
UC58786	8525	UC58786	CA-A/R PRIVATE CONTRACTS	ASTS	J294	\$773.09	\$0.00	\$32,434.23	\$0.00	\$32,434.23	\$0.00	(\$32,434.23)
			UC58786 LAND IQ 225754 LULOW G0 CR 3/25			\$773.09	\$0.00	\$32,434.23	\$0.00	\$32,434.23	\$0.00	(\$32,434.23)
			8525 CONTROL - CONTRACTS & GRANTS			\$773.09	\$0.00	\$32,434.23	\$0.00	\$32,434.23	\$0.00	(\$32,434.23)
UC58786 ASSETS						\$773.09	\$0.00	\$32,434.23	\$0.00	\$32,434.23	\$0.00	(\$32,434.23)
INCOME												
UC58786	8525	UC58786	PRIVATE RESTRICTED CONTRACTS INCOME	INCO	R012	\$7,797.63	\$239,400.00	\$108,336.36	\$0.00	\$45,765.20	\$0.00	(\$131,063.64)
			UC58786 LAND IQ 225754 LULOW G0 CR 3/25			\$7,797.63	\$239,400.00	\$108,336.36	\$0.00	\$45,765.20	\$0.00	(\$131,063.64)
			8525 CONTROL - CONTRACTS & GRANTS			\$7,797.63	\$239,400.00	\$108,336.36	\$0.00	\$45,765.20	\$0.00	(\$131,063.64)
UC58786 INCOME						\$7,797.63	\$239,400.00	\$108,336.36	\$0.00	\$45,765.20	\$0.00	(\$131,063.64)
EXPENSES												
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	SWG2		\$5,650.54	\$212,900.00	\$77,543.39	\$0.00	\$39,155.61	\$0.00	\$135,356.61
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	BENF		\$1,576.72	\$0.00	\$27,958.68	\$0.00	\$13,343.73	\$0.00	(\$27,958.68)
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	SUPL		\$0.00	\$10,500.00	\$10,042.18	\$0.00	\$988.44	\$0.00	\$457.82
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	TRVL		\$0.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	GENX		\$56.82	\$11,000.00	\$1,158.27	\$0.00	\$643.58	\$0.00	\$9,841.73
			PC15547 486369-58786 UCI-Nature/LAND IQ			\$7,284.08	\$239,400.00	\$116,702.52	\$0.00	\$54,131.36	\$0.00	\$122,697.48
			6191 OFFICE OF UCI-NATURE			\$7,284.08	\$239,400.00	\$116,702.52	\$0.00	\$54,131.36	\$0.00	\$122,697.48
UC58786 EXPENSES						\$7,284.08	\$239,400.00	\$116,702.52	\$0.00	\$54,131.36	\$0.00	\$122,697.48

UC58786 SUMMARY	MTD Actuals	ITD Budget	ITD Actual	YTD Budget	YTD Actuals	Encumbrances	Variance W/ Encumbrance
ASSETS	\$773.09	\$0.00	\$32,434.23	\$0.00	\$32,434.23	\$0.00	(\$32,434.23)
INCOME	\$7,797.63	\$239,400.00	\$108,336.36	\$0.00	\$45,765.20	\$0.00	(\$131,063.64)
EXPENSES	\$7,284.08	\$239,400.00	\$116,702.52	\$0.00	\$54,131.36	\$0.00	\$122,697.48
Fund Total:	\$1,286.64	\$0.00	\$24,068.07	\$0.00	\$24,068.07	\$0.00	(\$40,800.39)

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 07 - JAN. 2024

Run Date/Time: 03/01/2024 12:39:04 PM
 Page #: 1 of 3
 Run by: Griselda Duran

Chart: IR
 Org: 6191
 Org Title: OFFICE OF UCI-NATURE
 Account: PC15547
 Account Name: 486369-58786 UCI-Nature/LAND IQ

Control Account - UC Account: UC58786 - 486369
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Daniel S Nguyen
 Account Manager: Sinqui Musto
 Project Director: Megan E Lulow

Sub Fund Grp Type Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/03/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - PC15547

Consolidation - SWG2

07	EX	SWGN	1200	IBI	UP	20240106	BI-WEEKLY Check Date 01/17/2024	01/17/24	142087585	-	-	-	-	\$0.00	\$555.76	\$0.00
07	EX	SWGN	1200	IBI	UP	20240120	BI-WEEKLY Check Date 01/31/2024	01/30/24	142501831	-	-	-	-	\$0.00	\$635.16	\$0.00
07	EX	SWGN	1200	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845965	-	-	-	-	\$0.00	\$1,495.45	\$0.00
07	EX	SWGN	1211	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845966	-	-	-	-	\$0.00	\$2,939.78	\$0.00
07	EX	SWGN	1285	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845967	-	-	-	-	\$0.00	\$24.39	\$0.00

Consolidation Summary - SWG2 for period 07

\$0.00 **\$5,650.54** **\$0.00**

Consolidation - BENF

07	EX	BENE	1627	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845968	-	-	-	-	\$0.00	(\$24.39)	\$0.00
07	EX	BENE	1627	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845969	-	-	-	-	\$0.00	\$150.12	\$0.00
07	EX	BENE	1678	IBI	UP	20240106	BI-WEEKLY Check Date 01/17/2024	01/17/24	142087586	-	-	-	-	\$0.00	\$3.78	\$0.00
07	EX	BENE	1678	IBI	UP	20240120	BI-WEEKLY Check Date 01/31/2024	01/30/24	142501832	-	-	-	-	\$0.00	\$4.32	\$0.00
07	EX	BENE	1678	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845970	-	-	-	-	\$0.00	\$13.78	\$0.00
07	EX	BENE	1685	IBI	UP	20240106	BI-WEEKLY Check Date 01/17/2024	01/17/24	142087587	-	-	-	-	\$0.00	\$11.12	\$0.00
07	EX	BENE	1685	IBI	UP	20240120	BI-WEEKLY Check Date 01/31/2024	01/30/24	142501833	-	-	-	-	\$0.00	\$12.70	\$0.00
07	EX	BENE	1685	IBI	UP	20240131	MONTHLY Check Date 02/01/2024	02/05/24	142845971	-	-	-	-	\$0.00	\$1,405.29	\$0.00

Consolidation Summary - BENF for period 07

\$0.00 **\$1,576.72** **\$0.00**

Consolidation - GENX

07	EX	SRVC	7065	IBI	UP	20240106	BI-WEEKLY Check Date 01/17/2024	01/17/24	142087588	-	-	-	-	\$0.00	\$5.62	\$0.00
07	EX	SRVC	7065	IBI	UP	20240120	BI-WEEKLY Check Date 01/31/2024	01/30/24	142501834	-	-	-	-	\$0.00	\$6.41	\$0.00
07	EX	SRVC	7065	IBI	UP		MONTHLY Check Date	02/05/24	142845972	-	-	-	-	\$0.00	\$44.79	\$0.00

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 07 - JAN. 2024

Run Date/Time: 03/01/2024 12:39:04 PM
 Page #: 2 of 3
 Run by: Griselda Duran

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
							20240131	02/01/2024									
Consolidation Summary - GENX for period 07															\$0.00	\$56.82	\$0.00
Total Expense for period 07															\$0.00	\$7,284.08	\$0.00

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 07 - JAN. 2024

Run Date/Time: 03/01/2024 12:39:04 PM
 Page #: 3 of 3
 Run by: Griselda Duran

Chart: IR
 Org: 8525
 Org Title: CONTROL - CONTRACTS & GRANTS
 Account: UC58786
 Account Name: LAND IQ 225754 LULOW G0 CR 3/25

Control Account - UC Account: UC58786 --
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Ashley Vuong
 Account Manager: Beata I Najman
 Project Director: Megan E Lulow

Sub Fund Grp Type: Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/02/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - UC58786

Consolidation - INCO

07	IN	INCM	R012	CINV	01	22533222	105753 [avuong6] UC58786-December 2023	01/30/24	142661797	-	-	-	-	\$0.00	\$7,797.63	\$0.00
----	----	------	------	------	----	----------	--	----------	-----------	---	---	---	---	--------	------------	--------

Consolidation Summary - INCO for period 07

Total Income for period 07	\$0.00	\$7,797.63	\$0.00
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Description of Services Rendered
Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: January 1, 2024 to January 31, 2043

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the Land IQ portion of the total scope of work. The remainder of the scope of work is being performed by West Yost.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period. This task is complete.

TASK 2 - HABITAT FIELD STUDY.

- Internal meetings
- Data management and analysis
- Report figures finalization and draft report

TASK 3 - SAND FENCE CASE STUDY.

- RFP for Contractor to Build Sand Fence Study Released and communication with interested parties
- Discussion of monitoring methodology and draft adjusted monitoring schedule to account for the delay in construction of the sand fence study to allow for the land owners and the Watermaster to develop suitable easement agreements for the study.

TASK 4 - FALLOWING REHAB STRATEGIES.

- Support for Sand Fence Case Study development, and documenting farmer, contractor, and project partner feedback on fallowing strategies for incorporation into notes for future report.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Grant Component No. 6: Biological Restoration of Fallowed Lands

Land IQ Month YEAR Invoiced by Category and Task ^(a)

Task	Jan-24
<i>Totals</i>	\$10,327.83
Category (a) Component Administration - Category 7	\$245.00
Component Administration	\$245.00
Category (d) Monitoring, Assessment	\$10,082.83
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$6,460.00
Task 3 - Sand Fence Case Study	\$1,624.08
Task 4 - Fallowing Rehab Strategies	\$1,998.75
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by West Yost



Remit Payment To:
PO Box 2158
Davis, CA 95617

January 31, 2024

Invoice Number:

2057003

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-08
c/o West Yost Associates	Contract Amount:	18,106.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 6: Biological
Lake Forest, CA 92630		Restoration of Fallowed Lands

Professional Services from January 1, 2024 to January 31, 2024

Previously Billed :	3,045.00
Total This Period :	1,390.00
Total Amount Billed to Date including This Invoice :	4,435.00
Amount Remaining in Contract :	13,671.00

Professional Personnel

	Hours	Rate	Amount
Principal Eng/Scientist/Geologist II			
Malone, Andy	3.00	316.00	948.00
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	2.00	221.00	442.00
Totals	5.00		1,390.00
Total Labor			1,390.00
		Total this Invoice	\$1,390.00

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056300	11/30/2023	1,260.00
2056799	12/31/2023	1,016.00
Total		2,276.00

Please direct questions to:

Project Manager Andy Malone
Principal Greg Chung

GKC

INVOICE ATTACHMENT

Grant Component No. 6: Biological Restoration of Fallowed Lands - WY 2024^(a)

West Yost - January 2024 Invoiced by Category and Task

Task	Jan-24
<i>Totals</i>	\$1,390.00
Category (a) Component Administration - Category 6	\$442.00
Component Administration	\$442.00
Category (d) Monitoring, Assessment	\$948.00
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$0.00
Task 3 - Sand Fence Case Study	\$948.00
Task 4 - Fallowing Rehab Strategies	\$0.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by Land IQ

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands

Water Year 2024 - Invoice Period: January 1, 2024 to January 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the West Yost portion of the total scope of work. The remainder of the scope of work is being performed by Land IQ and its subconsultant UCI.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period.

TASK 2 - HABITAT FIELD STUDY.

- No work performed in this reporting period.

TASK 3 - SAND FENCE CASE STUDY.

- Finalized Easement Agreements.
- Prepared a memo on the process for Watermaster-approval of a subcontractor to construct the sand fences.
- Coordinated with Land IQ, Legal Counsel, Watermaster Board members, and landowners on finding a subcontractor to construct sand fences through a Request for Proposal (RFQ) process.
- Posted the RFP for sand fence contractor to the Watermaster's Environmental Working Group website.

INVOICE ATTACHMENT

Description of Services
940-80-23-08 (WY 2024)
Page 2

TASK 4 - FALLOWING REHAB STRATEGIES.

- No work performed in this reporting period.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Description of Land IQ and UCI Invoices

February 2024

Total Amount Invoiced: \$12,341.25

Amount Invoiced by Land IQ: \$4,152.50

Description of Land IQ Expenses:

- Time billed by Land IQ staff on Component Administration, and Tasks 2, 3, and 4 (see pages 1-3 of invoice).

Amount Invoiced by UCI: \$8,188.75

Description of UCI Expenses: Total expenses of \$8,188.75 (pg. 5 of invoice) were calculated as follows:

- *Removed time billed by Moises Raymundo Perea Vega.* UCI received approval from Land IQ to hold his time in February 2024 and bill it in March 2024 instead due to a delay in an agreement for Moises to work on the project. His time is redlined on the Salaries by Fund Report (pg. 11-12), however the time is not removed from the automatic totals reported on pg. 12; instead, his time was manually removed and the totals were re-calculated. Moises's held time (totaling \$1,716.50) is subtracted from the total of \$8,823.22, for a total salary of \$7,106.72, as noted on pg. 12 of the invoice.
- *Billed \$1,082.03 in "liens".* Time from April, May, and July 2023 that was not previously billed, was billed in February 2024.
- To summarize, UCI's February 2024 total invoiced amount is equal to:
$$\$8,188.75 = \$8,823.22 \text{ (total salary & fringe)} - \$1,716.50 \text{ (Moises's held time)} + \$1,082.03 \text{ (liens)}$$



Land IQ, LLC
2020 L Street
Suite 210
Sacramento, CA 95811
www.landIQ.com

Borrego Springs Watermaster
c/o West Yost & Associates
23692 Birtcher Drive
Lake Forest, CA 92630

INVOICE

Invoice Date: 2/29/24
Total Amount: \$12,341.25
Invoice Number: 5906
Invoice Period: 02/01/24 - 02/29/24
Engagement: Borrego Springs Watermaster

Summary of Charges

Description	Amount
Task A. LIQ (WY23/24) Project Management	\$400.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	\$3,072.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	\$80.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$600.00
Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$6,767.41
Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study Expenses	\$1,421.34
TOTAL AMOUNT DUE	\$12,341.25

SUMMARY OF TIME CHARGES

Source	Hrs	Rate	Amount
Task A. LIQ (WY23/24) Project Management			
Robert Travis Brooks	2.50	\$160.00	\$400.00
Task A. LIQ (WY23/24) Project Management	2.50		\$400.00
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			
Robert Travis Brooks	12.50	\$160.00	\$2,000.00
Diya Chowdhury	1.00	\$195.00	\$195.00
Stephanie Tillman	4.50	\$195.00	\$877.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	18.00		\$3,072.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			
Robert Travis Brooks	0.50	\$160.00	\$80.00
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	0.50		\$80.00
TOTAL FEES & EXPENSES	21.00		\$12,341.25

TIME & EXPENSE DETAIL

Date	Task	Description	Hrs	Rate	Amount
Robert Travis Brooks					
2/12/24	Task A. LIQ (WY23/24) Project Management	Project coordination	1.00	\$160.00	\$160.00
2/16/24	Task A. LIQ (WY23/24) Project Management	Project coordination	0.50	\$160.00	\$80.00
2/28/24	Task A. LIQ (WY23/24) Project Management	Project Management	1.00	\$160.00	\$160.00
2/28/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review of Draft Report	4.00	\$160.00	\$640.00
2/16/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Document review	2.00	\$160.00	\$320.00
2/8/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review draft report and project coordination	3.00	\$160.00	\$480.00
2/1/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review of Draft Study Report for Task 2	2.00	\$160.00	\$320.00
2/2/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Review of Draft Study Report for Task 2	1.50	\$160.00	\$240.00
2/16/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	Fuel Mod Standards to include into BMPs	0.50	\$160.00	\$80.00
				Robert Travis Brooks	15.50
					\$2,480.00
Diya Chowdhury					
2/13/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Reviewing draft report	1.00	\$195.00	\$195.00
				Diya Chowdhury	1.00
					\$195.00
Stephanie Tillman					
2/5/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	reviewed Task 2 study	2.00	\$195.00	\$390.00
2/6/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	finished reviewing Task 2 report and sent comments to Laurel	2.00	\$195.00	\$390.00
2/13/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	email and file clean-up	0.25	\$195.00	\$48.75
2/2/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	communication with Travis re fallow time study and recommendations	0.25	\$195.00	\$48.75
				Stephanie Tillman	4.50
					\$877.50

INVOICE

Date	Task	Description	Hrs	Rate	Amount
		TOTAL FEES	21.00		\$3,552.50
<hr/>					
Date	Code	Task	Description		Amount
Land IQ Expenses					
2/23/24	Professional Services	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Greg Okin - 2/19/24 Review of documents		\$600.00
3/18/24	Professional Services	Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	UCIrvine: (Invoice No: 23131557-58786)		\$6,767.41
3/18/24	Professional Services	Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study	UCIrvine: (Invoice No: 23131557-58786)		\$1,421.34
				Land IQ Expenses	\$8,788.75
				TOTAL EXPENSES	\$8,788.75
<hr/>					\$12,341.25

From: [Travis Brooks](#)
To: [Accounting](#)
Subject: Fw: Refarm Task 2 Results
Date: Friday, February 23, 2024 2:37:12 PM

Please accept this email from Greg Okin below as an invoice for his services on the Borrego Watermaster Project, and apply to Task 2.

Sincerely,
Travis

From: Greg Okin <gregokin@mac.com>
Sent: Friday, February 23, 2024 12:41 PM
To: Travis Brooks <tbrooks@landiq.com>
Subject: Re: Refarm Task 2 Results

Here you go:

Work with LandIQ on Borrego Springs field restoration

2/19/24 – Review of Documents
10 am - 1 PM
Duration: 3 hr

Total Hours: 3
Hourly Rate: \$200
Total Compensation: \$ 600

Total Due: \$ 600

Payable to:
Greg Okin
442 N Sweetzer Ave
Los Angeles, CA 90048

Contact me for SSN for 1099 purposes if required.

Greg Okin
gregokin@me.com

“At its worst, cable TV could invade our privacy, tranquilize our children, and remove us electronically from the flesh and blood world, and we would have to pay for the privilege.”
Mike Wallace, 1975



UCIrvine

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050
Fax: (949) 824-3895

Invoice No: 23131557-58786

Date: 03/18/2024

Federal Tax ID: 95-2226406

Proposal Number: 105753

UC Fund Number: 58786

Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number:	225754
Project Title:	Concept Feasibility Plan for Rehabilitation of Fallow Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator:	Lulow, Megan
Project Title:	01/02/2023 to 03/31/2025

Billing Period: 02/01/2024-02/29/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Labor - Task A	\$5,837.45	\$5,837.45	\$0.00
Labor - Task 1	\$16,250.00	\$16,250.00	\$0.00
Labor - Task 2	\$68,518.79	\$61,751.38	\$6,767.41
Labor - Task 3	\$20,061.28	\$18,639.94	\$1,421.34
Labor - Task 6	\$3,700.00	\$3,700.00	\$0.00
Direct Expense	\$9,441.67	\$9,441.67	\$0.00
	\$123,809.19	\$115,620.44	\$8,188.75
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	\$123,809.19	\$115,620.44	\$8,188.75
Current Invoice Total			\$8,188.75

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By

DocuSigned by:


A5C03A9D5EAD46F...

Griselda Duran

Manager, Contracts & Grants Accounting

February 2024 UCI activities

Task 2 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Meeting to discuss landscape heterogeneity metrics
- Retake photos of A2 plot
- Communication, paperwork, and purchasing of anemometers
- Renewal of permits and landowner communication for spring fieldwork
- Review and comments on results task 2
- Scheduling and coordinating accommodations for field work
- Drone analysis wrap up and next steps on landscape statistic
- Edits to report of soil texture, type, and salinity from 9 retired farmland sites and 7 natural reference sites
- Edits to report of landscape structure and function from 9 retired farmland sites and 7 natural reference sites
- Edits to report of vegetation composition from 9 retired farmland sites and 7 natural reference sites

Task 3 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- meeting/discussion of field plan for March fieldwork and scheduling
- Communication, paperwork, and purchasing of erosion pins and particle collector apparatuses
- More photos of Bauer sandfence test plot focusing on the bottom 1-3 feet
- Creation of protocols and layouts for dust particle collectors and erosion pins

SUMMARY OF LABOR PER HOUR

February 2024		Time (h)	Salary Total	Rate (h)	Gael
Individual					
Post-Doctoral Researcher 1 (Fiore)*		36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Post-Doctoral Researcher 2 (Brigham)*		36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Research Associate 1 (Rood)**		28.72	\$ 1,143.28	\$ 39.82	\$ 11.55
Research Associate 2 (Coffey)*		44.11	\$ 1,461.83	\$ 33.14	\$ 14.76
Senior Scientist 2 (Lulow)*		7.80	\$ 530.51	\$ 58.63	\$ 4.62

* monthly rate divided by working hours per month

\$ 5,569.28

\$ 55.51

Control Account:



KFS Fund Summary Report

FS0150D

Fiscal Year: 2024 As of: 08 - FEB. 2024

This period is Closed. The closing date for this period is 03/07/2024

Run Date/Time: 04/08/2024 4:14:50 PM
 Page #: 1 of 1
 Run by: Daniel S Nguyen

Control Account: IR-UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Control Account	Org	Account	Account / Object Name	Sub-Acct	Consolidation	Object	MTD Actuals	ITD Budget	ITD Actual	ITD MD Amt	YTD Budget	YTD Actuals	YTD MD Amt	Encumbrances	Variance W/ Encumbrance
ASSETS															
UC58786	8525	UC58786	CA-A/R PRIVATE CONTRACTS	---	ASTS	J294	(\$7,709.11)	\$0.00	\$24,725.12	\$0.00	\$0.00	\$24,725.12	\$0.00	\$0.00	(\$24,725.12)
			UC58786 LAND IQ 225754 LULOW G0 CR 3/25				(\$7,709.11)	\$0.00	\$24,725.12	\$0.00	\$0.00	\$24,725.12	\$0.00	\$0.00	(\$24,725.12)
			8525 CONTROL - CONTRACTS & GRANTS				(\$7,709.11)	\$0.00	\$24,725.12	\$0.00	\$0.00	\$24,725.12	\$0.00	\$0.00	(\$24,725.12)
UC58786 ASSETS							(\$7,709.11)	\$0.00	\$24,725.12	\$0.00	\$0.00	\$24,725.12	\$0.00	\$0.00	(\$24,725.12)
INCOME															
UC58786	8525	UC58786	PRIVATE RESTRICTED CONTRACTS INCOME	---	INCO	R012	\$0.00	\$239,400.00	\$108,336.36	\$0.00	\$0.00	\$45,765.20	\$0.00	\$0.00	(\$131,063.64)
			UC58786 LAND IQ 225754 LULOW G0 CR 3/25				\$0.00	\$239,400.00	\$108,336.36	\$0.00	\$0.00	\$45,765.20	\$0.00	\$0.00	(\$131,063.64)
			8525 CONTROL - CONTRACTS & GRANTS				\$0.00	\$239,400.00	\$108,336.36	\$0.00	\$0.00	\$45,765.20	\$0.00	\$0.00	(\$131,063.64)
UC58786 INCOME							\$0.00	\$239,400.00	\$108,336.36	\$0.00	\$0.00	\$45,765.20	\$0.00	\$0.00	(\$131,063.64)
EXPENSES															
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	---	SWG2		\$6,676.63	\$212,900.00	\$84,220.02	\$0.00	\$0.00	\$45,832.24	\$0.00	\$0.00	\$128,679.98
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	---	BENF		\$2,079.91	\$0.00	\$30,038.59	\$0.00	\$0.00	\$15,423.64	\$0.00	\$0.00	(\$30,038.59)
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	---	SUPL		\$0.00	\$10,500.00	\$10,042.18	\$0.00	\$0.00	\$988.44	\$0.00	\$0.00	\$457.82
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	---	TRVL		\$0.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00
UC58786	6191	PC15547	486369-58786 UCI-Nature/LAND IQ	---	GENX		\$66.68	\$11,000.00	\$1,224.95	\$0.00	\$0.00	\$710.26	\$0.00	\$0.00	\$9,775.05
			PC15547 486369-58786 UCI-Nature/LAND IQ				\$8,823.22	\$239,400.00	\$125,525.74	\$0.00	\$0.00	\$62,954.58	\$0.00	\$0.00	\$113,874.26
			6191 OFFICE OF UCI-NATURE				\$8,823.22	\$239,400.00	\$125,525.74	\$0.00	\$0.00	\$62,954.58	\$0.00	\$0.00	\$113,874.26
UC58786 EXPENSES							\$8,823.22	\$239,400.00	\$125,525.74	\$0.00	\$0.00	\$62,954.58	\$0.00	\$0.00	\$113,874.26

UC58786 SUMMARY	MTD Actuals	ITD Budget	ITD Actual	ITD MD Amt	YTD Budget	YTD Actuals	YTD MD Amt	Encumbrances	Variance W/ Encumbrance
ASSETS	(\$7,709.11)	\$0.00	\$24,725.12	\$0.00	\$0.00	\$24,725.12	\$0.00	\$0.00	(\$24,725.12)
INCOME	\$0.00	\$239,400.00	\$108,336.36	\$0.00	\$0.00	\$45,765.20	\$0.00	\$0.00	(\$131,063.64)
EXPENSES	\$8,823.22	\$239,400.00	\$125,525.74	\$0.00	\$0.00	\$62,954.58	\$0.00	\$0.00	\$113,874.26
Fund Total:	(\$16,532.33)	\$0.00	\$7,535.74	\$0.00	\$0.00	\$7,535.74	\$0.00	\$0.00	(\$41,914.50)

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 08 - FEB. 2024

Run Date/Time: 04/05/2024 6:51:46 AM
 Page #: 1 of 2
 Run by: Daniel S Nguyen

Chart: IR
 Org: 6191
 Org Title: OFFICE OF UCI-NATURE
 Account: PC15547
 Account Name: 486369-58786 UCI-Nature/LAND IQ

Control Account - UC Account: UC58786 - 486369
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Daniel S Nguyen
 Account Manager: Sinqui Musto
 Project Director: Megan E Lulow

Sub Fund Grp Type Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/03/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - PC15547

Consolidation - SWG2

08	EX	SWGN	1200	IBI	UP	20240203	BI-WEEKLY Check Date 02/14/2024	02/13/24	143181767	-	-	-	-	\$0.00	\$571.64	\$0.00
08	EX	SWGN	1200	IBI	UP	20240217	BI-WEEKLY Check Date 02/28/2024	02/27/24	143614881	-	-	-	-	\$0.00	\$571.64	\$0.00
08	EX	SWGN	1200	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769062	-	-	-	-	\$0.00	\$1,461.83	\$0.00
08	EX	SWGN	1211	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769063	-	-	-	-	\$0.00	\$3,998.35	\$0.00
08	EX	SWGN	1285	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769064	-	-	-	-	\$0.00	\$73.17	\$0.00

Consolidation Summary - SWG2 for period 08

\$0.00 **\$6,676.63** **\$0.00**

Consolidation - BENF

08	EX	BENE	1627	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769065	-	-	-	-	\$0.00	(\$73.17)	\$0.00
08	EX	BENE	1627	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769066	-	-	-	-	\$0.00	\$226.99	\$0.00
08	EX	BENE	1678	IBI	UP	20240203	BI-WEEKLY Check Date 02/14/2024	02/13/24	143181768	-	-	-	-	\$0.00	\$3.89	\$0.00
08	EX	BENE	1678	IBI	UP	20240217	BI-WEEKLY Check Date 02/28/2024	02/27/24	143614882	-	-	-	-	\$0.00	\$3.89	\$0.00
08	EX	BENE	1678	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769067	-	-	-	-	\$0.00	\$13.55	\$0.00
08	EX	BENE	1685	IBI	UP	20240203	BI-WEEKLY Check Date 02/14/2024	02/13/24	143181769	-	-	-	-	\$0.00	\$11.43	\$0.00
08	EX	BENE	1685	IBI	UP	20240217	BI-WEEKLY Check Date 02/28/2024	02/27/24	143614883	-	-	-	-	\$0.00	\$11.43	\$0.00
08	EX	BENE	1685	IBI	UP	20240229	MONTHLY Check Date 03/01/2024	02/29/24	143769068	-	-	-	-	\$0.00	\$1,881.90	\$0.00

Consolidation Summary - BENF for period 08

\$0.00 **\$2,079.91** **\$0.00**

Consolidation - GENX

08	EX	SRVC	7065	IBI	UP	20240203	BI-WEEKLY Check Date 02/14/2024	02/13/24	143181770	-	-	-	-	\$0.00	\$5.77	\$0.00
08	EX	SRVC	7065	IBI	UP	20240217	BI-WEEKLY Check Date 02/28/2024	02/27/24	143614884	-	-	-	-	\$0.00	\$5.77	\$0.00
08	EX	SRVC	7065	IBI	UP		MONTHLY Check Date	02/29/24	143769069	-	-	-	-	\$0.00	\$55.14	\$0.00

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 08 - FEB. 2024

Run Date/Time: 04/05/2024 6:51:46 AM
 Page #: 2 of 2
 Run by: Daniel S Nguyen

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
							20240229	03/01/2024									
Consolidation Summary - GENX for period 08															\$0.00	\$66.68	\$0.00
Total Expense for period 08															\$0.00	\$8,823.22	\$0.00

Control Account: IR - UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
02/29/2024	6191	486369	58786	SWG2	1200			PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	02/29/2024	02/29/2024	REG	1	M	5,567.17	5,567.17	0.2626	44.11	1,461.83	0.00
02/29/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/03/2024	02/03/2024	REG	0.475	H	39.82	39.82	0.3988	14.36	571.64	0.00
02/29/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/17/2024	02/17/2024	REG	0.475	H	39.82	39.82	0.3988	14.36	571.64	0.00
02/29/2024	6191	486369	58786	SWG2	1211			PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
02/29/2024	6191	486369	58786	SWG2	1211			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	01/31/2024	REG	1	UC_FY	9,791.67	9,791.67	(0.0071)	(1.30)	(73.17)	0.00
02/29/2024	6191	486369	58786	SWG2	1211			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024	REG	1	UC_FY	9,791.67	9,791.67	0.0542	9.10	530.51	0.00
02/29/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	02/29/2024	02/29/2024	REG	0.5	UC_FY	2,604.17	5,208.33	0.2126	35.72	4,107.35	0.00
02/29/2024	6191	486369	58786	SWG2	1211			PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
02/29/2024	6191	486369	58786	SWG2	1285			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	01/31/2024	VAC	1	UC_FY	9,791.67	9,791.67	0.0071	1.30	73.17	0.00
SWG2 - SALARIES & WAGES GENERAL ASSISTANCE																				191.02	6,676.63	0.00	
02/29/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	34.30
02/29/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	02/29/2024	02/29/2024		1	M	5,567.17	5,567.17		0.00	0.00	109.64
02/29/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	02/29/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	83.05
02/29/2024	6191	486369	58786	BENF	1627		Vacation Usage Fringe Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	(73.17)
02/29/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	3.61
02/29/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	02/29/2024	02/29/2024		1	M	5,567.17	5,567.17		0.00	0.00	9.94
02/29/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/03/2024	02/03/2024		0.475	H	39.82	39.82		0.00	0.00	3.89
02/29/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/17/2024	02/17/2024		0.475	H	39.82	39.82		0.00	0.00	3.89

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 8 - February

Run Date/Time: 03/12/2024
Page #: 2 of 2
2:43:07 PM

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	212.67
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	02/29/2024	02/29/2024		1	M	5,567.17	5,567.17		0.00	0.00	679.75
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/03/2024	02/03/2024		0.475	H	39.82	39.82		0.00	0.00	11.43
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/17/2024	02/17/2024		0.475	H	39.82	39.82		0.00	0.00	11.43
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	02/29/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	514.92
02/29/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
BENF - BENEFITS																				0.00	0.00	2,079.91	
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	02/29/2024	02/29/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	4.62
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10286318	Coffey,Julie Ellen	009611	SRA 3	02/29/2024	02/29/2024		1	M	5,567.17	5,567.17		0.00	0.00	14.76
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/03/2024	02/03/2024		0.475	H	39.82	39.82		0.00	0.00	5.77
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	02/17/2024	02/17/2024		0.475	H	39.82	39.82		0.00	0.00	5.77
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	02/29/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	11.18
02/29/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	02/29/2024	02/29/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
GENX - GENERAL EXPENSES																				0.00	0.00	66.68	
PC15547 - 486369-58786 UCI-Nature/LAND IQ																				191.02	6,676.63	2,146.59	
58786 - LAND IQ 225754 LULOW G0 CR 3/25																				191.02	6,676.63	2,146.59	

Note: TIME for Moises Raymundo Perea Vega NOT billed in February 2024 (crossed out in red in Fund Report)
 Total Salary EXCLUDING time for Moises: \$7,106.72
 Total Salary Amount: \$5,569.28
 +
 Total Fringe Amount: \$1,537.44

Contracts and Grants Accounting STATUS OF LIEN FORM

The Status of Lien Form should be used to close a budget period or to close an award when additional expenses or expense credits are to be posted to the ledger.

Agency Name :	LandIQ LLC
Award Number :	225754
Account/Fund Number :	PC15547/486369-58786
Award End Date :	3/31/2025

I have reviewed the expenditures against the above grant/contract based on the general ledger dated 09/30/21 and have determined that all charges against it are proper, with the following adjustments and exceptions:

LIENS AND OTHER EXPENSES

(Please, attach copies of documentation: UPAYS, Purchase Orders, Purchase Requisitions, Receiving Slips, Invoices, etc.)

Prepared by: Daniel Nguyen, Office of Research

Date: 03/20/24

Principal Investigator Signature:

Date:

Return the completed and signed form to the appropriate accountant in the Contracts and Grants Accounting Office. The list of contacts can be found on the following website:
<http://www.accounting.uci.edu/cg/fund-assignments.html>

Certificate Of Completion

Envelope Id: 86E8B94EAEC349BEAF528EBB76783A39

Status: Completed

Subject: Complete with DocuSign: 23131557_58786_LAND IQ_FEBRUARY 2024 INVOICE - Revised.pdf

Source Envelope:

Document Pages: 1

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Ashley Vuong

AutoNav: Enabled

415 Aldrich Hall

EnvelopeD Stamping: Enabled

Irvine, CA 92697-1025

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

avuong6@uci.edu

IP Address: 99.48.30.232

Record Tracking

Status: Original

Holder: Ashley Vuong

Location: DocuSign

3/21/2024 8:31:49 AM

avuong6@uci.edu

Signer Events**Signature****Timestamp**

Griselda Duran



Sent: 3/21/2024 8:34:30 AM

griseld@uci.edu

Viewed: 3/22/2024 4:08:52 PM

C&G Accounting & Operations Manager

Signed: 4/1/2024 10:55:34 AM

UCI Account

Signature Adoption: Uploaded Signature Image

Security Level: Email, Account Authentication
(None)

Using IP Address: 172.90.87.71

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	3/21/2024 8:34:30 AM
Certified Delivered	Security Checked	3/22/2024 4:08:52 PM
Signing Complete	Security Checked	4/1/2024 10:55:34 AM
Completed	Security Checked	4/1/2024 10:55:34 AM
Payment Events	Status	Timestamps

Description of Services Rendered
Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: February 1, 2024 to February 29, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the Land IQ portion of the total scope of work. The remainder of the scope of work is being performed by West Yost.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period. This task is complete.

TASK 2 - HABITAT FIELD STUDY.

- Internal meetings
- Purchase of anemometers (monitoring equipment for study)
- Renewal of State Parks access permits
- Landowner communication for spring fieldwork
- Review and edit of draft report
- Additional analysis on study data

TASK 3 - SAND FENCE CASE STUDY.

- Follow up with potential bidders for the Sand Fence Study RFP; no bids received in February.
- Discussion of monitoring methodology and draft adjusted monitoring schedule to account for the delay in construction of the sand fence study.
- Purchase of monitoring equipment, including erosion pins and particle collector apparatuses.
- Development of monitoring protocols and layout design

TASK 4 - FALLOWING REHAB STRATEGIES.

- Documentation of San Diego County Fire fuel abatement requests to Borrego Water District (BWD) with respect to voluntary sand fence construction on BWD land for incorporation into BMP recommendations.

TASK 5 - FOLLOWING PRIORITIZATION.

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Grant Component No. 6: Biological Restoration of Fallowed Lands**Land IQ February 2024 Invoiced by Category and Task ^(a)**

Task	Feb-24
<i>Totals</i>	\$12,341.25
Category (a) Component Administration - Category 7	\$400.00
Component Administration	\$400.00
Category (d) Monitoring, Assessment	\$11,941.25
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$10,439.91
Task 3 - Sand Fence Case Study	\$1,421.34
Task 4 - Fallowing Rehab Strategies	\$80.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by West Yost



Remit Payment To:
PO Box 2158
Davis, CA 95617

February 29, 2024

Invoice Number:

2057698

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-08
c/o West Yost Associates	Contract Amount:	18,106.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 6: Biological Restoration of Fallowed Lands
Lake Forest, CA 92630		

Professional Services from February 1, 2024 to February 29, 2024

Previously Billed :	4,435.00
Total This Period :	1,206.25
Total Amount Billed to Date including This Invoice :	5,641.25
Amount Remaining in Contract :	12,464.75

Professional Personnel

	Hours	Rate	Amount
Principal Eng/Scientist/Geologist II			
Malone, Andy	1.00	316.00	316.00
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	2.25	221.00	497.25
Technical Specialist IV			
Lasick, Sheri	1.50	262.00	393.00
Totals	4.75		1,206.25
Total Labor			1,206.25
		Total this Invoice	\$1,206.25

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056300	11/30/2023	1,260.00
2056799	12/31/2023	1,016.00
2057003	1/31/2024	1,390.00
Total		3,666.00

Please direct questions to:

Project	940-80-23-08	Component 6: Biological Restoration	Invoice	2057698
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Project Manager	Andy Malone
Principal	Greg Chung

CKC

INVOICE ATTACHMENT

Grant Component No. 6: Biological Restoration of Fallowed Lands - WY 2024^(a)

West Yost - February 2024 Invoiced by Category and Task

Task	Feb-24
<i>Totals</i>	\$1,206.25
Category (a) Component Administration - Category 6	\$890.25
Component Administration	\$890.25
Category (d) Monitoring, Assessment	\$316.00
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$0.00
Task 3 - Sand Fence Case Study	\$316.00
Task 4 - Fallowing Rehab Strategies	\$0.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by Land IQ

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: February 1, 2024 to February 29, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the West Yost portion of the total scope of work. The remainder of the scope of work is being performed by Land IQ and its subconsultant UCI.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.
- Completed the fourth quarterly grant progress report and reimbursement request for the October 1, 2023 through December 31, 2023 period. Submitted report materials to BWD Board.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period.

TASK 2 - HABITAT FIELD STUDY.

- No work performed in this reporting period.

TASK 3 - SAND FENCE CASE STUDY.

- Prepared a memo on the process for Watermaster-approval of a subcontractor to construct the sand fences.

TASK 4 - FALLOWING REHAB STRATEGIES.

- No work performed in this reporting period.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

INVOICE ATTACHMENT

Description of Services
940-80-23-08 (WY 2024)
Page 2

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.



Land IQ, LLC
2020 L Street
Suite 210
Sacramento, CA 95811
www.landIQ.com

INVOICE

Borrego Springs Watermaster
c/o West Yost & Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Date: 3/31/24
Total Amount: \$10,311.72
Invoice Number: 5954
Invoice Period: 03/01/24 - 03/31/24
Engagement: Borrego Springs Watermaster

Summary of Charges

Description	Amount
Task A. LIQ (WY23/24) Project Management	\$562.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	\$417.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	\$146.25
Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study Expenses	\$5,764.91
Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study Expenses	\$2,597.00
Task 4: UCI (WY23/24) Farmland Fallowing Rehabilitation Strategies Expenses	\$823.56
TOTAL AMOUNT DUE	\$10,311.72

SUMMARY OF FEES

Source	Hrs	Rate	Amount
Task A. LIQ (WY23/24) Project Management			
Laura McFadden	0.75	\$110.00	\$82.50
Robert Travis Brooks	3.00	\$160.00	\$480.00
Task A. LIQ (WY23/24) Project Management			\$562.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			
Robert Travis Brooks	2.00	\$160.00	\$320.00
Stephanie Tillman	0.50	\$195.00	\$97.50
Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study			\$417.50
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			
Stephanie Tillman	0.75	\$195.00	\$146.25
Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies			\$146.25
TOTAL FEES & EXPENSES	7.00		\$10,311.72

TIME & EXPENSE DETAIL

Date	Task	Description	Hrs	Rate	Amount
Robert Travis Brooks					
3/1/24	Task A. LIQ (WY23/24) Project Management	Project Management	1.00	\$160.00	\$160.00
3/4/24	Task A. LIQ (WY23/24) Project Management	Monthly reporting	2.00	\$160.00	\$320.00
3/4/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	Project coordination and document review	2.00	\$160.00	\$320.00
			Robert Travis Brooks	5.00	\$800.00
Laura McFadden					
3/1/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.50	\$110.00	\$55.00
3/8/24	Task A. LIQ (WY23/24) Project Management	Project Management Support	0.25	\$110.00	\$27.50
			Laura McFadden	0.75	\$82.50
Stephanie Tillman					
3/11/24	Task 2: LIQ (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	communication with Geoff Poole re contractors; permission coordination for Qvale study site	0.50	\$195.00	\$97.50
3/12/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	communication with G. Poole and Travis re T2 hoses, contract status	0.50	\$195.00	\$97.50
3/1/24	Task 4: LIQ (WY23/24) Farmland Fallowing Rehabilitation Strategies	coordination with Travis re contractors	0.25	\$195.00	\$48.75
			Stephanie Tillman	1.25	\$243.75
			TOTAL FEES	7.00	\$1,126.25

Date	Code	Task	Description	Amount
Land IQ Expenses				
3/31/24	Professional Services	Task 2: UCI (WY 23/24) Existing Fallowed Farmland and Reference Natural Habitat Field Study	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$5,764.91
3/31/24	Professional Services	Task 3: UCI (WY23/24) Brush Pile Wildlife Sand Fence Case Study	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$2,597.00
3/31/24	Professional Services	Task 4: UCI (WY23/24) Farmland Fallowing Rehabilitation Strategies	UCIrvine: March 1-March 31, 2024 (Invoice No: 23462273-58786)	\$823.56
			Land IQ Expenses	\$9,185.47
			TOTAL EXPENSES	\$9,185.47

TOTAL AMOUNT DUE

\$10,311.72



UCIrvine

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050
Fax: (949) 824-3895

Invoice No: 23462273-58786

Date: 04/18/2024
Federal Tax ID: 95-2226406
Proposal Number: 105753
UC Fund Number: 58786
Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number: 225754
Project Title: Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator: Lulow, Megan
Project Title: 01/02/2023 to 03/31/2025

Billing Period: 03/01/2024-03/31/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Labor - Task A	\$5,837.45	\$5,837.45	\$0.00
Labor - Task 1	\$16,250.00	\$16,250.00	\$0.00
Labor - Task 2	\$74,283.70	\$68,518.79	\$5,764.91
Labor - Task 3	\$22,658.28	\$20,061.28	\$2,597.00
Labor - Task 4	\$0.00	\$0.00	\$823.56
Labor - Task 6	\$3,700.00	\$3,700.00	\$0.00
Direct Expense	\$9,441.67	\$9,441.67	\$0.00
	\$132,994.66	\$123,809.19	\$9,185.47
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	\$132,994.66	\$123,809.19	\$9,185.47
Current Invoice Total			\$9,185.47

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By

DocuSigned by:

 A5C03A9D5EAD46F...

Griselda Duran
Manager, Contracts & Grants Accounting

March 2024 UCI activities

Task 2 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Meeting and discussion of wind/water variables to collect in 2024 season
- Prep for field trip including datasheets and maps
- Field trips to all reference sites to collect additional data on wind velocity, environmental factors affecting wind, and vegetation composition
- Reading through Task 2 report feedback, reanalyzing data

Task 3 Activities:

- Monthly refarm meeting
- Task coordination and communication among staff and Land IQ
- Admin and budget management & coordination
- Meeting/discussion of field plan for March fieldwork and scheduling
- Field survey of sites for future seed collection
- Discuss seed collection and cleaning approaches
- Field trip to look at plant stages and seed collecting potential
- Collected additional seed of two annuals

Task 4 Activities:

- Meet regarding state and transition models
- Reviewing notes and lit review for state and transition models

SUMMARY OF LABOR PER HOUR

Individual	March 2024			GAEI
	Time (h)	Salary Total	Rate (h)	
Post-Doctoral Researcher 1 (Fiore)*	36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Post-Doctoral Researcher 2 (Brigham)*	36.69	\$ 1,216.83	\$ 33.17	\$ 12.29
Research Associate 1 (Rood)**	47.73	\$ 1,963.89	\$ 41.16	\$ 19.83
Research Associate 3 (Perea-Vega)*	35.72	\$ 1,107.35	\$ 31.00	\$ 11.18
Senior Scientist 2 (Lulow)*	9.10	\$ 530.51	\$ 58.30	\$ 5.36
*monthly rate divided by working hours per month			\$ 6,035.41	\$ 60.95

Certificate Of Completion

Envelope Id: 6D010BD2100D4188AC7717059A6D3C24

Status: Completed

Subject: Complete with DocuSign: 23462273_58786_LAND IQ_MARCH 2024 INVOICE.pdf

Source Envelope:

Document Pages: 3

Signatures: 1

Envelope Originator:

Certificate Pages: 1

Initials: 0

Ashley Vuong

AutoNav: Enabled

EnvelopeD Stamping: Enabled

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

415 Aldrich Hall

Irvine, CA 92697-1025

avuong6@uci.edu

IP Address: 99.48.30.232

Record Tracking

Status: Original

Holder: Ashley Vuong

Location: DocuSign

4/18/2024 12:39:59 PM

avuong6@uci.edu

Signer Events**Signature****Timestamp**

Griselda Duran



Sent: 4/18/2024 12:40:28 PM

griseld@uci.edu

Viewed: 4/18/2024 1:52:28 PM

C&G Accounting & Operations Manager

Signed: 4/18/2024 2:14:22 PM

UCI Account

Signature Adoption: Uploaded Signature Image

Security Level: Email, Account Authentication

Using IP Address: 172.90.87.71

(None)

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	4/18/2024 12:40:28 PM
Certified Delivered	Security Checked	4/18/2024 1:52:28 PM
Signing Complete	Security Checked	4/18/2024 2:14:22 PM
Completed	Security Checked	4/18/2024 2:14:22 PM
Payment Events	Status	Timestamps

Contracts and Grants Accounting

228 Aldrich Hall
Irvine, CA 92697-1050

Date: 04/18/2024

Federal Tax ID: 95-2226406

Proposal Number: 105753

UC Fund Number: 58786

Reference:

LAND IQ, LLC
2020 L STREET, SUITE 210
SACRAMENTO, CA 95811

Please Include Invoice Number with Check or Wire Payment

Award Number:	225754
Project Title:	Concept Feasibility Plan for Rehabilitation of Fallowed Irrigated Agricultural Land in the Borrego Valley Groundwater Basin
Principal Investigator:	Lulow, Megan
Project Period:	01/02/2023 to 03/31/2025

Billing Period: 03/01/2024 to 03/31/2024

Expense Category	Cumulative To Date	Previously Billed	Current Expenses
Salaries and Wages	\$89,041.18	\$83,005.77	\$6,035.41
Fringe Benefits	\$31,370.87	\$29,231.64	\$2,139.23
Supplies and Materials	\$10,992.06	\$10,042.18	\$949.88
Equipment	\$0.00	\$0.00	\$0.00
Travel	\$0.00	\$0.00	\$0.00
Other Direct Costs	\$1,590.55	\$1,529.60	\$60.95
Subawards	\$0.00	\$0.00	\$0.00
	<hr/> \$132,994.66	<hr/> \$123,809.19	<hr/> \$9,185.47
Indirect Costs (0%)	\$0.00	\$0.00	\$0.00
	<hr/> \$132,994.66	<hr/> \$123,809.19	<hr/> \$9,185.47
Current Invoice Total			\$9,185.47

Please make your check payable to The Regents of the University of California Irvine, CONTRACTS AND GRANTS ACCOUNTING 228 ALDRICH HALL, IRVINE, CALIFORNIA 92697-1050. Include a reference to the invoice number and mail your payment to the above address. If you have any questions regarding this invoice, please contact Ashley Vuong for assistance at (949) 824-3406 or email avuong6@uci.edu

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

Certified By



Griselda Duran
Manager, Contracts & Grants Accounting

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 09 - MAR. 2024

Run Date/Time: 04/17/2024 3:28:22 PM
 Page #: 1 of 2
 Run by: Daniel S Nguyen

Chart: IR
 Org: 6191
 Org Title: OFFICE OF UCI-NATURE
 Account: PC15547
 Account Name: 486369-58786 UCI-Nature/LAND IQ

Control Account - UC Account: UC58786 - 486369
 Agency Name: LAND IQ, LLC
 Fiscal Officer: Daniel S Nguyen
 Account Manager: Sinqui Musto
 Project Director: Megan E Lulow

Sub Fund Grp Type Private Contracts-Restricted
 Award #: -
 Award Begin Date: 01/03/2023
 Award End Date: 03/31/2025
 ICR Rate: 0.00%

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
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Account - PC15547

Consolidation - SWG2

09	EX	SWGN	1200	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480761	-	-	-	-	\$0.00	\$571.64	\$0.00
09	EX	SWGN	1200	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315270	-	-	-	-	\$0.00	\$1,392.25	\$0.00
09	EX	SWGN	1211	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163914	-	-	-	-	\$0.00	(\$1,107.35)	\$0.00
09	EX	SWGN	1211	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315271	-	-	-	-	\$0.00	\$4,071.52	\$0.00

Consolidation Summary - SWG2 for period 09

\$6,035.41

Consolidation - BENF

09	EX	BENE	1627	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163912	-	-	-	-	\$0.00	(\$83.05)	\$0.00
09	EX	BENE	1627	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315272	-	-	-	-	\$0.00	\$227.26	\$0.00
09	EX	BENE	1678	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480762	-	-	-	-	\$0.00	\$3.89	\$0.00
09	EX	BENE	1678	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315273	-	-	-	-	\$0.00	\$13.08	\$0.00
09	EX	BENE	1685	IBI	UP	20240302	BI-WEEKLY Check Date 03/13/2024	03/13/24	144480763	-	-	-	-	\$0.00	\$11.43	\$0.00
09	EX	BENE	1685	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	03/26/24	145163913	-	-	-	-	\$0.00	(\$514.92)	\$0.00
09	EX	BENE	1685	IBI	UP	20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315274	-	-	-	-	\$0.00	\$1,883.57	\$0.00

Consolidation Summary - BENF for period 09

\$0.00

\$1,541.26

\$0.00

Consolidation - SUPL

09	EX	SUPP	8135	PCDO	01	22993890	Trampoline Stakes	03/12/24	144416702	-	-	-	-	\$0.00	\$758.08	\$0.00
09	EX	SUPP	8135	PCDO	01	23026151	Kestrel 1000 Pocket Wind Meter	03/18/24	144695450	-	-	-	-	\$0.00	\$191.80	\$0.00
09	EX	SUPP	8135	PO	01	22915794	FRYREAR, KENNETH	03/01/24	143892837	-	-	-	439068	\$0.00	\$0.00	\$14,060.00

Consolidation Summary - SUPL for period 09

\$0.00

\$949.88

\$14,060.00

Consolidation - GENX

09	EX	MFSH	4200	PO	04	22915794	FRYREAR, KENNETH	03/01/24	143892837	-	-	-	439068	\$0.00	\$0.00	\$300.00
09	EX	SRVC	7065	IBI	UP		BI-WEEKLY Check Date	03/13/24	144480764	-	-	-	-	\$0.00	\$5.77	\$0.00

KFS Account Transactions - Income and Expense Report

FS0100-Detail General Ledger

Fiscal Year: 2024 Period(s) Selected: 09 - MAR. 2024

Run Date/Time: 04/17/2024 3:28:22 PM
 Page #: 2 of 2
 Run by: Daniel S Nguyen

GEC Doc#	Period	Object Type	Object Level	Object Code	Doc Type	Origin	Doc No	Description	Post Date	Ledger Entry ID	Org Doc No	Project	OrgRefID	Doc Ref No	Budget	Actuals	Encumbrances
							20240302	03/13/2024									
09	EX	SRVC	7065	IBI	UP		20240334	MONTHLY Check Date 04/01/2024	03/26/24	145163914	-	-	-	-	\$0.00	(\$11.18)	\$0.00
09	EX	SRVC	7065	IBI	UP		20240331	MONTHLY Check Date 04/01/2024	04/01/24	145315275	-	-	-	-	\$0.00	\$55.18	\$0.00
Consolidation Summary - GENX for period 09															\$0.00	\$60.95	\$49.77
Total Expense for period 09															\$0.00	\$7,468.97	\$14,360.00
\$9,185.47																	

Monthly Check Date with strikethrough (\$1,716.50) reflect adjustment for Moises Perea-Vega time beginning March 2024. Values removed balance with expenses posted to February 2024 ledger that were removed internally.

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 9 - March

Run Date/Time: 04/17/2024
Page #: 1 of 2 3:25:39 PM

Control Account: IR - UC58786 LAND IQ 225754 LULOW G0 CR 3/25

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
03/31/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024	REG	0.6	M	4,205.00	7,008.33	0.1987	33.37	1,392.25	0.00
03/31/2024	6191	486369	58786	SWG2	1200			PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024	REG	0.475	H	39.82	39.82	0.3988	14.36	571.64	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024	REG	1	UC_FY	9,791.67	9,791.67	0.0542	9.10	530.51	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024	REG	0.5	UC_FY	2,604.17	5,208.33	0.2126	35.72	1,107.35	0.00
03/31/2024	6191	486369	58786	SWG2	1211			PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024	REG	1	UC_FY	5,572.33	5,572.33	0.2184	36.69	1,216.83	0.00
03/20/2024	6191	486369	58786	SWG2	1211			PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	02/29/2024	REG	0.5	UC_FY	2,604.17	5,208.33	(0.2126)	(35.72)	(1,107.35)	0.00
SWG2 - SALARIES & WAGES GENERAL ASSISTANCE																				130.20	4,928.06	0.00	
03/20/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(83.05)
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	39.79
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	104.42
03/31/2024	6191	486369	58786	BENF	1627		Leave Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	83.05
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	3.61
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	9.47
03/31/2024	6191	486369	58786	BENF	1678		Expense - RPNI Assessments	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	3.89
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	246.69
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	647.40
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	11.43
03/31/2024	6191	486369	58786	BENF	1685		CBR	PC15547	10327413	Perea-	003320	ASST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	514.92

UCPath Salaries by Fund Report

Fiscal Year: 2024 Period(s) Selected: 9 - March

Run Date/Time: 04/17/2024
Page #: 2 of 2 3:25:39 PM

Accounting Date	KFS Org	UC Account	UC Fund	KFS Consolidation Code	KFS Object Code	KFS Project	Line Description	KFS Account	Employee ID	Employee Name	Job Code	Job Code Description	Pay End Date	UC Earn End Date	Earn Code	FTE	Comp Frequency	Comp Rate	FTE Comp Rate	Percent Total Pay	Hours	Salary Amount	Fringe Amount
							Assessment - Expense			Vega,Moises Raymundo		SPECIALIST											
03/31/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	237.28
03/20/2024	6191	486369	58786	BENF	1685		CBR Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymunde	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(514.92)
BENF - BENEFITS																				0.00	0.00	1,541.26	
03/20/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymunde	003320	ASST SPECIALIST	03/31/2024	02/29/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	(11.18)
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283026	Fiore,Nicole M	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10283754	Lulow,Megan E	003403	PROJ SCIENTIST-FY NON REP	03/31/2024	03/31/2024		1	UC_FY	9,791.67	9,791.67		0.00	0.00	5.36
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	005189	FIELD RESEARCHER 3	03/31/2024	03/31/2024		0.6	M	4,205.00	7,008.33		0.00	0.00	14.06
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10308213	Rood,Sicco Herman	009617	SRA 2 NEX	03/02/2024	03/02/2024		0.475	H	39.82	39.82		0.00	0.00	5.77
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10327413	Perea-Vega,Moises Raymundo	003320	ASST SPECIALIST	03/31/2024	03/31/2024		0.5	UC_FY	2,604.17	5,208.33		0.00	0.00	11.18
03/31/2024	6191	486369	58786	GENX	7065		GAEL GA Assessment - Expense	PC15547	10569787	Brigham,Laurel Marie	003252	POSTDOC-EMPLOYEE	03/31/2024	03/31/2024		1	UC_FY	5,572.33	5,572.33		0.00	0.00	12.29
GENX - GENERAL EXPENSES																				0.00	0.00	49.77	
PC15547 - 486369-58786 UCI-Nature/LAND IQ																				130.20	4,928.06	1,591.03	
58786 - LAND IQ 225754 LULOW G0 CR 3/25																				130.20	4,928.06	1,591.03	

Description of Services Rendered
Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - Invoice Period: March 1, 2024, to March 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the Land IQ portion of the total scope of work. The remainder of the scope of work is being performed by West Yost.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period. This task is complete.

TASK 2 - HABITAT FIELD STUDY.

- Internal meetings
- Discussion of wind/water variables to collect in spring 2024 field season
- Development of datasheets and maps for field work
- Field visits to all reference sites to collect additional wind, environmental, and vegetation data
- Reanalysis of data and review of results

TASK 3 - SAND FENCE CASE STUDY.

- Solicited and received two proposal from contractors to construct the Sand Fence Case Study; follow up discussions with landowners and Watermaster staff regarding bids. No contractor selected in March due to budget and contract issues that need to be resolved.
- Field visit to evaluate seed collection potential to support implementation of the study.
- Seed collection from two annual plant species.

TASK 4 - FALLOWING REHAB STRATEGIES.

- Communication and feedback from stakeholders, including landowners, on potential alternative fallowing standard options.
- Discussion of state and transition models and literature review.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Grant Component No. 6: Biological Restoration of Fallowed Lands**Land IQ Month YEAR Invoiced by Category and Task ^(a)**

Task	Mar-24
<i>Totals</i>	\$10,311.72
Category (a) Component Administration - Category 7	\$562.50
Component Administration	\$562.50
Category (d) Monitoring, Assessment	\$9,749.22
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$6,182.41
Task 3 - Sand Fence Case Study	\$2,597.00
Task 4 - Fallowing Rehab Strategies	\$969.81
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by West Yost



Remit Payment To:
PO Box 2158
Davis, CA 95617

March 31, 2024

Invoice Number:

2057890

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-08
c/o West Yost Associates	Contract Amount:	18,106.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 6: Biological
Lake Forest, CA 92630		Restoration of Fallowed Lands

Professional Services from March 1, 2024 to March 31, 2024

Previously Billed :	5,641.25
Total This Period :	497.25
Total Amount Billed to Date including This Invoice :	6,138.50
Amount Remaining in Contract :	11,967.50

Professional Personnel

	Hours	Rate	Amount
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	2.25	221.00	497.25
Totals	2.25		497.25
Total Labor			497.25
			Total this Invoice
			\$497.25

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056799	12/31/2023	1,016.00
2057003	1/31/2024	1,390.00
2057698	2/29/2024	1,206.25
Total		3,612.25

Please direct questions to:

Project Manager Andy Malone
Principal Greg Chung

INVOICE ATTACHMENT

Grant Component No. 6: Biological Restoration of Fallowed Lands - WY 2024^(a)

West Yost - March 2024 Invoiced by Category and Task

Task	Mar-24
<i>Totals</i>	\$497.25
Category (a) Component Administration - Category 6	\$497.25
Component Administration	\$497.25
Category (d) Monitoring, Assessment	\$0.00
Task 1 - Data Review	\$0.00
Task 2 - Habitat Field Study	\$0.00
Task 3 - Sand Fence Case Study	\$0.00
Task 4 - Fallowing Rehab Strategies	\$0.00
Task 5 - Fallowing Prioritization	\$0.00
Category (e) Stakeholder Outreach	\$0.00
Task 6 - EWG Meetings	\$0.00

Notes:

(a) Does not include work performed by Land IQ

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-08

Grant Component No. 6: Biological Restoration of Fallowed Lands
Water Year 2024 - *Invoice Period: March 1, 2024 to March 31, 2024*

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 6: Biological Restoration of Fallowed Lands. The work is the West Yost portion of the total scope of work. The remainder of the scope of work is being performed by Land IQ and its subconsultant UCI.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 6 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress.
- Updated budget status table.
- Communicated Board-requested changes to Land IQ and UCI monthly invoices.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 6 tasks. The work performed in this reporting period included:

TASK 1 - DATA REVIEW.

- No work performed in this reporting period.

TASK 2 - HABITAT FIELD STUDY.

- No work performed in this reporting period.

TASK 3 - SAND FENCE CASE STUDY.

- No work performed in this reporting period.

TASK 4 - FALLOWING REHAB STRATEGIES.

- No work performed in this reporting period.

TASK 5 - FALLOWING PRIORITIZATION.

- No work performed in this reporting period.

INVOICE ATTACHMENT

Description of Services
940-80-23-08 (WY 2024)
Page 2

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 6 tasks. The work performed in this reporting period included:

TASK 6 - ENVIRONMENTAL WORKING GROUP MEETINGS.

- No work performed in this reporting period.

Component 7. Quarter 1 - Watermaster Monitoring Reporting and GMP Update					
Cat. (a) Component Administration					
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount	
West Yost	Component Administration	2057639	1/31/2024	\$ 3,953.50	
West Yost	Component Administration	2057697	2/29/2024	\$ 4,968.50	
West Yost	Component Administration	2057889	3/31/2024	\$ 1,599.75	
Component Administration Subtotal				\$ 10,521.75	
Cat. (b): Environmental/Engineering/Design					
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount	
Environmental/Engineering/Design Subtotal				\$ -	
Cat. (c): Implementation/Construction					
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount	
West Yost	Task 5: Identify and Adress Improperly Abandoned Wells	2057639	1/31/2024	\$ 1,591.00	
West Yost	Task 5: Identify and Adress Improperly Abandoned Wells	2057697	2/29/2023	\$ 2,443.75	
West Yost	Task 5: Identify and Adress Improperly Abandoned Wells	2057889	3/31/2024	\$ 2,795.50	
Implementation/Construction Subtotal				\$ 6,830.25	
Cat. (d): Monitoring/Assessment					
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount	
West Yost	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	2057639	1/31/2024	\$ 357.25	
West Yost	Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	2057639	1/31/2024	\$ 1,700.25	
West Yost	Task 7/8: Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	2057639	1/31/2024	\$ 10,013.50	
West Yost	Task 10: Maintain and Engance Data Management System	2057639	1/31/2024	\$ 1,287.50	
West Yost	Task 11: Annual Report to the Court and DWR	2057639	1/31/2024	\$ 18,696.00	
West Yost	Task 12: Redetermination of the Sutatinable Yield	2057639	1/31/2024	\$ 12,000.75	
West Yost	Task 13: Prepare the 2025 GMP Update	2057639	1/31/2024	\$ 11,257.00	
McKeever Water Well & Pump Service, Inc.	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	16460	2/19/2024	\$ 350.00	
McKeever Water Well & Pump Service, Inc.	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	16447	2/2/2024	\$ 1,050.00	
McCall's Meter Sales and Service	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	36438	1/31/2024	\$ 10,800.00	
West Yost	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	2057697	2/29/2023	\$ 2,117.75	
West Yost	Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	2057697	2/29/2023	\$ 1,543.75	
West Yost	Task 7/8: Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	2057697	2/29/2023	\$ 3,105.75	
West Yost	Task 10: Maintain and Engance Data Management System	2057697	2/29/2023	\$ 323.75	
West Yost	Task 11: Annual Report to the Court and DWR	2057697	2/29/2023	\$ 3,018.25	
West Yost	Task 12: Redetermination of the Sutatinable Yield	2057697	2/29/2023	\$ 13,584.50	
West Yost	Task 13: Prepare the 2025 GMP Update	2057697	2/29/2023	\$ 2,333.50	
West Yost	Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	2057889	3/31/2024	\$ 439.50	
West Yost	Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	2057889	3/31/2024	\$ 2,331.25	
West Yost	Task 7/8: Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	2057889	3/31/2024	\$ 2,631.75	
West Yost	Task 10: Maintain and Engance Data Management System	2057889	3/31/2024	\$ 1,320.00	
West Yost	Task 11: Annual Report to the Court and DWR	2057889	3/31/2024	\$ 2,032.25	
West Yost	Task 12: Redetermination of the Sutatinable Yield	2057889	3/31/2024	\$ 17,572.50	
Monitoring/Assessment Subtotal				\$ 119,866.75	
Cat. (e): Engagement/Outreach					
Invoice Description(VENDOR)	Notes/Description	Invoice #	Invoice Date	Invoice Amount	
West Yost	Task 14: Outreach - Stakeholder Open House	2057639	1/31/2024	\$ 2,148.00	
West Yost	Task 14: Outreach - Stakeholder Open House	2057697	2/29/2024	\$ 1,224.25	
West Yost	Task 14: Outreach - Stakeholder Open House	2057889	3/31/2024	\$ 3,150.25	
Engagement/Outreach Subtotal				\$ 6,522.50	
		COMPONENT GRAND TOTAL		\$ 143,741.25	



Remit Payment To:
PO Box 2158
Davis, CA 95617

January 31, 2024

Invoice Number:

2057639

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-07
c/o West Yost Associates	Contract Amount:	893,098.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 7: Monitoring Reporting, and GMP Update
Lake Forest, CA 92630		

Professional Services from January 1, 2024 to January 31, 2024

Previously Billed :	174,521.28
Total This Period :	63,004.75
Total Amount Billed to Date including This Invoice :	237,526.03
Amount Remaining in Contract :	655,571.97

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I			
Adams, Samantha	10.00	329.00	3,290.00
Principal Eng/Scientist/Geologist II			
Chiang, Eric	17.50	316.00	5,530.00
Malone, Andy	28.50	316.00	9,006.00
Associate Eng/Scientist/Geologist I			
Salberg, Lauren	95.00	221.00	20,995.00
Sather, Lauren	.50	221.00	110.50
Engineer/Scientist/Geologist II			
Salberg, Lauren	23.25	207.00	4,812.75
Engineer/Scientist/Geologist I			
Kelty, Clay	76.25	178.00	13,572.50
Administrative II			
Hanna-Pickering, Alissa	10.00	118.00	1,180.00
Technical Specialist IV			
Lasick, Sheri	.50	262.00	131.00
Technical Specialist I			
Jones, Katie	9.00	183.00	1,647.00
Totals	270.50		60,274.75
Total Labor			60,274.75

Subconsultants

Clinical Laboratory of San Bernardino, I	2,730.00
Total Subconsultants	2,730.00

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2057639
			Total this Invoice	\$63,004.75

Description of Services:

See attached description of services

Outstanding Invoices

Number	Date	Balance
2056069	10/31/2023	45,793.25
2056299	11/30/2023	65,358.45
2056798	12/31/2023	47,204.00
Total		158,355.70

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung

INVOICE ATTACHMENT

Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning
West Yost - January 2024 Invoiced by Category and Task

Category and Task	Jan-24
<i>Total Invoice</i>	\$63,004.75
Category (a) Component Administration	\$3,953.50
Component Administration	\$3,953.50
Category (b) Planning, Design, Environmental	\$0.00
Task 1: Envionmental Documentation/Permitting	\$0.00
Task 2: Design Plans and Specifications (SW Station)	\$0.00
Category (c) Construction, Implementation	\$1,591.00
Task 5: Identify and Address Improperly Abandoned Wells	\$1,591.00
Category (d) Monitoring, Assessment	\$55,312.25
Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	\$357.25
Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	\$1,700.25
Task 7 & 8 Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	\$10,013.50
Task 10 Maintain and Enhance Data Management System	\$1,287.50
Task 11 Annual Water Rights Accounting (Pumping Report)	\$0.00
Task 11 Annual Report to the Court and DWR	\$18,696.00
Task 12 Redetermination of the Sustainable Yield by 2025	\$12,000.75
Task 13 Prepare the 2025 GMP Update	\$11,257.00
Category (e) Stakeholder Outreach	\$2,148.00
Task 14 Outreach - Board Meetings on Grant Implementation	\$0.00
Task 14 Outreach - Technical Advisory Committee Working Meetings	\$2,148.00
Task 14 Outreach - Stakeholder Open House	\$0.00
Task 14 Outreach - Maintain Website and Grant Communications	\$0.00

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-07

Grant Component No. 7: Monitoring, Reporting, and
Groundwater Management Planning

Water Year 2024 - Invoice Period: January 1, 2024 to January 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress for WY 2024 tasks as of the end of December 2023.
- Updated budget status table.
- Began developing quarterly grant status report and reimbursement request for the October 1 to December 31, 2023 reporting period.
- Corresponded with BWD throughout the month on grant reimbursement status and report reviews.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 includes one construction and implementation task – implementation of the surface water monitoring station at Coyote Creek. The work performed during the invoice period includes:

ADDRESS ABANDONED WELLS (CONVERSION OR ABANDON)

- Began preparation of data confidentiality agreements for owners of inactive/abandoned wells participating in the groundwater monitoring program.
- Reviewed well assessment report for the Viking well.
- Identified next steps for adding abandoned wells to the monitoring network and monitoring during the spring 2024 monitoring event.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks. The work performed in this reporting period included:

GROUNDWATER PUMPING MONITORING - ANNUAL METER VERIFICATION

- Check in with Parties and vendor on the status of completing meter verification testing.

INVOICE ATTACHMENT

Description of Services

940-80-07 (WY 2024)

Page 2

GROUNDWATER PUMPING MONITORING - MONTHLY COLLECTION AND PROCESSING OF METER READ DATA

NOTE: THIS TASK DOES NOT INCLUDE WORK TO COORDINATE OR PERFORM METER READING SERVICES AT MANUAL-READ METERS – THAT WORK IS PAID FOR BY THE PUMPERS WITH MANUAL-READ METERS.

- Cataloged and processed December 2023 monthly meter reads.
- Communicated with Parties on questions regarding telemetry meter read values.
- Calculated December 2023 pumping by well.
- Performed QA/QC of December 2023 pumping data.

GROUNDWATER LEVEL AND QUALITY MONITORING PROGRAM - SEMIANNUAL MONITORING EVENTS

- Reimbursable expenses billed this period include laboratory analysis of groundwater quality samples collected during the fall 2023 semi-annual monitoring event (Clinical Laboratory – see enclosed invoice).
- Reviewed and analyzed results of the fall 2023 monitoring event.
- Prepared text, tables, figures, and appendices for the fall 2023 semi-annual monitoring report.
- Corresponded with County of San Diego staff regarding monitoring of a County-owned well.
- Began preparing for the Spring 2024 monitoring event by:
 - Scheduling the sampling subcontractor (Blaine Tech)
 - Discussing and developing list of wells to new wells to monitor for groundwater level and quality and the specific steps to take prior to monitoring

COOPERATOR DATA COLLECTION, DATA MANAGEMENT, AND REPORTING DATA TO DWR PORTALS

- Digitized and loaded well construction information for nine private wells to DMS.
- Performed QA/QC of fall 2023 groundwater level measurements of two BWD wells.
- Reviewed updated database with new information obtained for reference points of wells sampled and canvassed in the field during November 2023.
- Submitted revisions to fall 2023 groundwater level data to the DWR Monitoring Network Module (MNM) and communicated with DWR regarding collapsed monitoring well that can no longer be monitored/reported.
- Performed QA/QC and corrected incorrect data in the historical data inherited from the GSA.
- Processed and uploaded historical groundwater elevation data for private wells in the Basin received from DWR.

ANNUAL WATER RIGHTS ACCOUNTING (PUMPING REPORT)

- No work performed in this reporting period.

ANNUAL REPORT TO THE COURT AND DWR

- Finalized the text, tables, figures, and appendices of the Annual report and submitted for technical and editorial review.
- Completed technical and editorial review of Annual Report.

INVOICE ATTACHMENT

Description of Services
940-80-23-07 (WY 2024)
Page 3

- Compiled the PDF of the WY 2023 Annual Report, published it to the Watermaster website, and noticed the review and hearing to the Watermaster Parties and Distribution list on January 25, 2024.

REDETERMINATION OF THE SUSTAINABLE YIELD OF THE BORREGO SPRINGS SUBBASIN

- Prepared a memo on the status update of the Redetermination of the Sustainable Yield.
- Began work on Task 4 – *Model Recalibration*, including:
 - Identified wells and calibration data used by the USGS
 - Began selecting calibration targets
 - Prepared observation file

PREPARE THE 2025 GROUNDWATER MANAGEMENT PLAN UPDATE

- Prepared summary tables of the Sustainable Management Criteria for Representative Monitoring Wells.
- Held meeting with Trey Driscoll to discuss the methods used to develop the Sustainable Management Criteria in the GMP.
- Prepared figures presenting historical and current data compared to Sustainable Management Criteria and model results.
- Began development of Section 5 of the GMP Assessment Report.
- Prepared a staff memo on the status update of the GMP Assessment Report.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks. The work performed in this reporting period included:

TECHNICAL ADVISORY COMMITTEE MEETINGS

- Reviewed and communicated with TAC members via email and phone calls to address TAC comments on Tasks 4 and 5 to Redetermine the Sustainable Yield.
- Developed and sent a response to TAC comments on Tasks 4 and 5 to Redetermine the Sustainable Yield to the entire TAC.
- Coordinated with TAC members to schedule May working meeting.
- Prepared draft TAC agenda for May 2024 working meeting.

STAKEHOLDER OPEN HOUSE

- No work performed in this reporting period.

MAINTAIN WEBSITE AND GRANT COMMUNICATIONS

- No work performed in this reporting period.

INVOICE ATTACHMENT

Clinical Laboratory of San Bernardino, Inc. P.O. Box 329 San Bernardino, CA 92402

INVOICE

Invoice To:
Veva Weamer
West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Number: 2400089-

Remit To:
Accounts Receivable
Clinical Laboratory of San Bernardino
P.O. Box 329
San Bernardino, CA 92402

PO Number: **Received:**
11/17/23

Client:
Veva Weamer
West Yost Associates

Terms: NET 30

Project Manager:
Jeanette Hernandez

Date	Workorder/Analysis/Description	Matrix	Quantity	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino					
11/17/23	23K1883 General Mineral Panel [8 day]	Water	2	\$90.00	\$180.00
	Nitrate EPA 300.0 [8 day]	Water	2	\$0.00	\$0.00
	Nitrite as N EPA 300.0 [8 day]	Water	2	\$5.00	\$10.00
	Arsenic EPA 200.8 [8 day]	Water	2	\$10.00	\$20.00
11/17/23	23K1884 Arsenic EPA 200.8 [8 day]	Water	6	\$10.00	\$60.00
	General Mineral Panel [8 day]	Water	6	\$90.00	\$540.00
	Nitrate EPA 300.0 [8 day]	Water	6	\$0.00	\$0.00
	Nitrite as N EPA 300.0 [8 day]	Water	6	\$5.00	\$30.00
11/17/23	23K1885 Nitrite as N EPA 300.0 [8 day]	Water	4	\$5.00	\$20.00
	Arsenic EPA 200.8 [8 day]	Water	4	\$10.00	\$40.00
	General Mineral Panel [8 day]	Water	4	\$90.00	\$360.00
	Nitrate EPA 300.0 [8 day]	Water	4	\$0.00	\$0.00
11/17/23	23K1886 General Mineral Panel [8 day]	Water	7	\$90.00	\$630.00
	Nitrate EPA 300.0 [8 day]	Water	7	\$0.00	\$0.00
	Nitrite as N EPA 300.0 [8 day]	Water	7	\$5.00	\$35.00
	Arsenic EPA 200.8 [8 day]	Water	7	\$10.00	\$70.00
11/17/23	23K1887 Arsenic EPA 200.8 [8 day]	Water	4	\$10.00	\$40.00
	General Mineral Panel [8 day]	Water	4	\$90.00	\$360.00
	Nitrate EPA 300.0 [8 day]	Water	4	\$0.00	\$0.00

Should you have any questions regarding invoice please contact Dolores Falcon

INVOICE ATTACHMENT

INVOICE

Invoice To:

Veva Weamer
West Yost Associates
23692 Birtcher Drive
Lake Forest, CA 92630

Invoice Number

2400089-

Remit To:

Accounts Receivable
Clinical Laboratory of San Bernardino
P.O. Box 329
San Bernardino, CA 92402

PO Number**Received**

11/17/23

Client

Veva Weamer
West Yost Associates

Terms

NET 30

Project Manager

Jeanette Hernandez

Date	Workorder/Analysis/Description	Matrix	Quantity	Unit Cost	Extended Cost
Clinical Laboratory of San Bernardino					
	Nitrite as N EPA 300.0 [8 day]	Water	4	\$5.00	\$20.00
11/17/23	23K1889 Nitrite as N EPA 300.0 [8 day]	Water	3	\$5.00	\$15.00
	Arsenic EPA 200.8 [8 day]	Water	3	\$10.00	\$30.00
	General Mineral Panel [8 day]	Water	3	\$90.00	\$270.00
	Nitrate EPA 300.0 [8 day]	Water	3	\$0.00	\$0.00

Invoice Total: **\$2,730.00**

McCALL'S METER SALES & SERVICE

1498 MESA VIEW STREET

HEMET, CA 92543

PH: 951-654-3799

Invoice

DATE	INVOICE #
1/31/2024	36438

Meter Accuracy Test–Grant Reim

BILL TO
WEST YOST (BORREGO SPRINGS WATERMASTER) 23692 BIRTCHER DR LAKE FOREST. CA 92630

SHIP TO
WEST YOST (BORREGO SPRINGS WATERMASTER) FIELD METER TESTS

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
SAMANTHA AD...	Net 30	TMD	1/31/2024			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
2	MT	TESTING FOR 2023 SELEY RANCH FIELD METER TEST			225.00	450.00
1	MT	CASA DEL ZORO FIELD METER TEST			225.00	225.00
2	MT	DE ANZA COUNTRY CLUB FIELD METER TEST			225.00	450.00
1	MT	BORREGO SPRINGS U.S.D. - ELEMENTARY FIELD METER TEST			225.00	225.00
1	MT	ROADRUNNER GOLF & COUNTRY CLUB FIELD METER TEST			225.00	225.00
1	MT	THE SPRINGS RV & GOLF RESORT FIELD METER TEST			225.00	225.00
1	MT	JOHN HOGAN FIELD METER TEST			225.00	225.00
2	MT	BORREGO AIR SPRINGS RANCH FIELD METER TEST			225.00	450.00
1	MT	BORREGO SPRINGS U.S.D. - HIGH SCHOOL FIELD METER TEST			225.00	225.00
3	MT	J.M. ROADRUNNER / EVANS RANCH FIELD METER TEST			225.00	675.00
6	MT	RAMS HILL GOLF CLUB FIELD METER TEST			225.00	1,350.00
WE APPRECIATE YOUR BUSINESS					Total	

McCALL'S METER SALES & SERVICE

1498 MESA VIEW STREET

HEMET, CA 92543

PH: 951-654-3799

Invoice

DATE	INVOICE #
1/31/2024	36438

BILL TO
WEST YOST (BORREGO SPRINGS WATERMASTER) 23692 BIRTCHER DR LAKE FOREST. CA 92630

SHIP TO
WEST YOST (BORREGO SPRINGS WATERMASTER) FIELD METER TESTS

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
SAMANTHA AD...	Net 30	TMD	1/31/2024			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
1	MT	CAL. STATE PARKS FIELD METER TEST			225.00	225.00
1	MT	SUSAN CARPENTER FIELD METER TEST			225.00	225.00
1	MT	ALAN ASCHE HOME WELL FIELD METER TEST			225.00	225.00
2	MT	BORREGO SPRINGS RESORT FIELD METER TEST			225.00	450.00
5	MT	TENAJA FARMS FIELD METER TEST			225.00	1,125.00
3	MT	MOUNTAIN SPRINGS ORGANICS FIELD METER TEST			225.00	675.00
7	MT	BORREGO WATER DIST. FIELD METER TEST			225.00	1,575.00
1	MT	RON PEACOCK FIELD METER TEST			225.00	225.00
2	MT	BAGDASARIAN FARMS FIELD METER TEST			225.00	450.00
2	MT	WEST COAST TREES FIELD METER TEST			225.00	450.00
1	MT	DESERT STAR FARMS FIELD METER TEST			225.00	225.00
1	MT	SHENANDOAH GROWERS FIELD METER TEST			225.00	225.00
WE APPRECIATE YOUR BUSINESS					Total	

McCALL'S METER SALES & SERVICE

1498 MESA VIEW STREET

HEMET, CA 92543

PH: 951-654-3799

Invoice

DATE	INVOICE #
1/31/2024	36438

BILL TO
WEST YOST (BORREGO SPRINGS WATERMASTER) 23692 BIRTCHER DR LAKE FOREST. CA 92630

SHIP TO
WEST YOST (BORREGO SPRINGS WATERMASTER) FIELD METER TESTS

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
SAMANTHA AD...	Net 30	TMD	1/31/2024			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
		SUBTOTAL TAX			7.75%	10,800.00 0.00
WE APPRECIATE YOUR BUSINESS						Total \$10,800.00



Remit Payment To:
PO Box 2158
Davis, CA 95617

February 29, 2024

Invoice Number:

2057697

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-07
c/o West Yost Associates	Contract Amount:	893,098.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 7: Monitoring
Lake Forest, CA 92630		Reporting, and GMP Update

Professional Services from February 1, 2024 to February 29, 2024

Previously Billed :	237,526.03
Total This Period :	34,663.75
Total Amount Billed to Date including This Invoice :	272,189.78
Amount Remaining in Contract :	620,908.22

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I Adams, Samantha	10.25	329.00	3,372.25
Principal Eng/Scientist/Geologist II Chiang, Eric	17.00	316.00	5,372.00
	12.50	316.00	3,950.00
Associate Eng/Scientist/Geologist I Salberg, Lauren	63.25	221.00	13,978.25
	1.75	221.00	386.75
Engineer/Scientist/Geologist II Alonzo, Terrinda	1.75	207.00	362.25
Engineer/Scientist/Geologist I Kelty, Clay	26.75	178.00	4,761.50
Administrative II Hanna-Pickering, Alissa	6.00	118.00	708.00
Technical Specialist IV Lasick, Sheri	2.75	262.00	720.50
Technical Specialist I Jones, Katie	5.75	183.00	1,052.25
Totals	147.75		34,663.75
Total Labor			34,663.75
		Total this Invoice	\$34,663.75

Description of Services:

See attached description of services

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2057697
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Outstanding Invoices

Number	Date	Balance
2056069	10/31/2023	45,793.25
2056299	11/30/2023	65,358.45
2056798	12/31/2023	47,204.00
2057639	1/31/2024	60,274.75
Total		218,630.45

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung

GKC

INVOICE ATTACHMENT

Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning
West Yost - February 2024 Invoiced by Category and Task

Category and Task	Feb-24
<i>Total Invoice</i>	\$34,663.75
Category (a) Component Administration	\$4,968.50
Component Administration	\$4,968.50
Category (b) Planning, Design, Environmental	\$0.00
Task 1: Envionmental Documentation/Permitting	\$0.00
Task 2: Design Plans and Specifications (SW Station)	\$0.00
Category (c) Construction, Implementation	\$2,443.75
Task 5: Identify and Address Improperly Abandoned Wells	\$2,443.75
Category (d) Monitoring, Assessment	\$26,027.25
Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	\$2,117.75
Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	\$1,543.75
Task 7 & 8 Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	\$3,105.75
Task 10 Maintain and Enhance Data Management System	\$323.75
Task 11 Annual Water Rights Accounting (Pumping Report)	\$0.00
Task 11 Annual Report to the Court and DWR	\$3,018.25
Task 12 Redetermination of the Sustainable Yield by 2025	\$13,584.50
Task 13 Prepare the 2025 GMP Update	\$2,333.50
Category (e) Stakeholder Outreach	\$1,224.25
Task 14 Outreach - Board Meetings on Grant Implementation	\$0.00
Task 14 Outreach - Technical Advisory Committee Working Meetings	\$1,224.25
Task 14 Outreach - Stakeholder Open House	\$0.00
Task 14 Outreach - Maintain Website and Grant Communications	\$0.00

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-07

Grant Component No. 7: Monitoring, Reporting, and
Groundwater Management Planning

Water Year 2024 - Invoice Period: February 1, 2024 to February 29, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress for WY 2024 tasks as of the end of January 2024.
- Updated budget status table.
- Completed the fourth quarterly grant progress report and reimbursement request for the October 1, 2023 through December 31, 2023 period. Submitted report materials to BWD Board.
- Corresponded with BWD throughout the month on grant requirements, reimbursement status, and quarterly report reviews.
- Requested and reviewed standard contract of a potential subcontractor (Well Tec) and compared to DWR grant requirements.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 includes one construction and implementation task – implementation of the surface water monitoring station at Coyote Creek. The work performed during the invoice period includes:

ADDRESS ABANDONED WELLS (CONVERSION OR ABANDON)

- Developed step-wise approach to addressing inactive/abandoned wells in the Basin and defined next steps for assessing and adding inactive/abandoned wells to the monitoring network.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks. The work performed in this reporting period included:

GROUNDWATER PUMPING MONITORING - ANNUAL METER VERIFICATION

- Notified Parties to complete testing if results not received.

INVOICE ATTACHMENT

Description of Services

940-80-23-07 (WY 2024)

Page 2

- Compiled and reviewed all meter test results to assess compliance with accuracy standards. Completed tracking sheet to document all meter test outcomes.
- Communicated with meter verification vendors.

GROUNDWATER PUMPING MONITORING - MONTHLY COLLECTION AND PROCESSING OF METER READ DATA

NOTE: THIS TASK DOES NOT INCLUDE WORK TO COORDINATE OR PERFORM METER READING SERVICES AT MANUAL-READ METERS – THAT WORK IS PAID FOR BY THE PUMPERS WITH MANUAL-READ METERS.

- Cataloged and processed January 2024 monthly meter reads.
- Communicated with Parties on questions regarding telemetry meter read values.
- Communicated with McCrometer Meters regarding issues with telemetry systems not reporting meter read data to the data portal.
- Calculated January 2024 pumping by well.
- Performed QA/QC of January 2024 pumping data.

GROUNDWATER LEVEL AND QUALITY MONITORING PROGRAM - SEMIANNUAL MONITORING EVENTS

- Finalized the fall 2023 semi-annual monitoring report.
- Communicated with well owners to describe groundwater monitoring program participation and execute entry agreements with well owners.
- Began preparation of entry agreements for owners of wells newly participating in the groundwater monitoring program.
- Continued preparation for the Spring 2024 monitoring event:
 - Obtained a quote from Clinical Laboratory for groundwater-quality sample analysis.
 - Refined list of new wells to monitor for groundwater level and quality and the specific steps to take prior to monitoring.
 - Began communicating with well owners about monitoring schedules.

COOPERATOR DATA COLLECTION, DATA MANAGEMENT, AND REPORTING DATA TO DWR PORTALS

- Prepared for and participated in a phone call with DWR to discuss resolving a duplicate well in DWR's Monitoring Network Module (MNM) portal.

ANNUAL WATER RIGHTS ACCOUNTING (PUMPING REPORT)

- No work performed in this reporting period.

ANNUAL REPORT TO THE COURT AND DWR

- Documented the comments received during the February 8, 2024 public hearing to receive comments on the Annual Report.
- Reviewed and cataloged all written comments received on the draft Annual Report circulated on January 25, 2024.
- Created Appendix H of the Annual Report to document all verbal and written comments and the response to the comments.

INVOICE ATTACHMENT

Description of Services
940-80-23-07 (WY 2024)
Page 3

- Updated the text, tables, figures, and appendices of the draft final Annual report based on the comments received. Submitted it for editorial review.

REDETERMINATION OF THE SUSTAINABLE YIELD OF THE BORREGO SPRINGS SUBBASIN

- Continued work on Task 4 – *Model Recalibration*, including:
 - Compared well construction information in database to model layers in the Borrego Valley Hydrologic Model (BVHM).
 - Prepared the version of the BVHM to calibrate in Task 4, ran the BVHM through WY 2022, and prepared water budget table. Additionally, the water budget from this version of the BVHM to prior versions of the BVHM, including the versions generated in Task 1, Task 2, and Task 3 of the approved scope-of-work.
 - Began performing a literature review of historical irrigation practices to develop and constrain historical On-Farm Efficiencies (OFE) values.
 - Selected model calibration targets and data.
 - Selected parameters and pilot points for model recalibration.
 - Began developing summary materials (memos, figures, and tables) on the preparatory work for BVHM recalibration to share with the TAC for review and comment.

PREPARE THE 2025 GROUNDWATER MANAGEMENT PLAN UPDATE

- Began working on text of GMP Assessment Report.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks. The work performed in this reporting period included:

TECHNICAL ADVISORY COMMITTEE MEETINGS

- Reviewed and communicated with TAC members and their appointees via phone calls to address TAC comments on the methods to Redetermine the Sustainable Yield, and the process, schedule, and the expectations of TAC participation during the process to redetermine the Sustainable Yield.
- Prepared draft TAC agenda and scheduled May 2024 working meeting.

STAKEHOLDER OPEN HOUSE

- No work performed in this reporting period.

MAINTAIN WEBSITE AND GRANT COMMUNICATIONS

- No work performed in this reporting period.

McKEEVER WATER WELL

& Pump Service, Inc.
82-550 Avenue 60
THERMAL, CALIFORNIA 92274
State Lic. #C57-762605

(760) 399-4237 or 775-2006
FAX (760) 399-4239

Invoice

16447

Meter Accuracy Test–Grant Reim

TO Borrego Springs Watermaster
C/O West Yost Associates
23692 Birtcher Drive

DATE 2/2/24 JOB NO.

JOB NAME Meter Test

JOB LOCATION Borrego Farms
(530)756-5905

TERMS

Thank You

McKEEVER WATER WELL

& Pump Service, Inc.
82-550 Avenue 60
THERMAL, CALIFORNIA 92274
State Lic. #C57-762605

(760) 399-4237 or 775-2006
FAX (760) 399-4239

Invoice

16460

Meter Accuracy Test–Grant Reim

TO Borrego Springs Watermaster
C/O West Yost Associates
23692 Birtcher Drive
Lake Forest, Ca. 92630
borregospringswsm@westyost.com

DATE 2/19/24 JOB NO

JOB NAME Meter Test

JOB LOCATION Borrego Valley Road

TERMS

Thank You



Remit Payment To:
PO Box 2158
Davis, CA 95617

March 31, 2024

Invoice Number:

2057889

Accounts Payable	Client Project:	Work Order No. 6
Borrego Springs Watermaster	WY Project No:	940-80-23-07
c/o West Yost Associates	Contract Amount:	893,098.00
23692 Birtcher Drive	Job Name:	WY 2024 Component 7: Monitoring
Lake Forest, CA 92630		Reporting, and GMP Update

Professional Services from March 1, 2024 to March 31, 2024

Previously Billed :	272,189.78
Total This Period :	33,872.75
Total Amount Billed to Date including This Invoice :	306,062.53
Amount Remaining in Contract :	587,035.47

Professional Personnel

	Hours	Rate	Amount
Eng/Scientist/Geologist Manager I Adams, Samantha	6.25	329.00	2,056.25
Principal Eng/Scientist/Geologist II Chiang, Eric	1.00	316.00	316.00
Malone, Andy	21.50	316.00	6,794.00
Associate Eng/Scientist/Geologist I Salberg, Lauren	77.50	221.00	17,127.50
Engineer/Scientist/Geologist I Kelty, Clay	40.50	178.00	7,209.00
Administrative II Hanna-Pickering, Alissa	2.25	118.00	265.50
Technical Specialist II Jones, Amanda	.50	209.00	104.50
Totals	149.50		33,872.75
Total Labor			33,872.75
		Total this Invoice	\$33,872.75

Description of Services:

See attached description of services

Project	940-80-23-07	Comp 7 Monitoring Reporting & GMP Update	Invoice	2057889
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Outstanding Invoices

Number	Date	Balance
2056798	12/31/2023	47,204.00
2057639	1/31/2024	60,274.75
2057697	2/29/2024	34,663.75
Total		142,142.50

Please direct questions to:

Project Manager Samantha Adams
Principal Greg Chung



INVOICE ATTACHMENT

Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning
West Yost - March 2024 Invoiced by Category and Task

Category and Task	Mar-24
<i>Total Invoice</i>	\$33,872.75
Category (a) Component Administration	\$1,599.75
Component Administration	\$1,599.75
Category (b) Planning, Design, Environmental	\$0.00
Task 1: Envionmental Documentation/Permitting	\$0.00
Task 2: Design Plans and Specifications (SW Station)	\$0.00
Category (c) Construction, Implementation	\$2,795.50
Task 5: Identify and Address Improperly Abandoned Wells	\$2,795.50
Category (d) Monitoring, Assessment	\$26,327.25
Task 6: Groundwater Pumping Monitoring - Annual Meter Verification	\$439.50
Task 6: Groundwater Pumping Monitoring - Monthly Meter Reading	\$2,331.25
Task 7 & 8 Groundwater Level and Quality Monitoring Program - Semi Annual Monitoring Events	\$2,631.75
Task 10 Maintain and Enhance Data Management System	\$1,320.00
Task 11 Annual Water Rights Accounting (Pumping Report)	\$0.00
Task 11 Annual Report to the Court and DWR	\$2,032.25
Task 12 Redetermination of the Sustainable Yield by 2025	\$17,572.50
Task 13 Prepare the 2025 GMP Update	\$0.00
Category (e) Stakeholder Outreach	\$3,150.25
Task 14 Outreach - Board Meetings on Grant Implementation	\$0.00
Task 14 Outreach - Technical Advisory Committee Working Meetings	\$3,150.25
Task 14 Outreach - Stakeholder Open House	\$0.00
Task 14 Outreach - Maintain Website and Grant Communications	\$0.00

INVOICE ATTACHMENT



Description of Services Rendered

Project 940-80-23-07

Grant Component No. 7: Monitoring, Reporting, and
Groundwater Management Planning

Water Year 2024 - Invoice Period: March 1, 2024 to March 31, 2024

The services billed in this invoice are for work performed on the tasks included in Grant Component No. 7: Monitoring, Reporting, and Groundwater Management Planning.

CATEGORY (A) COMPONENT ADMINISTRATION. The work performed for this task includes monthly project management of the tasks included in Component 7 and preparation of quarterly grant progress reports for submittal to the Borrego Water District (BWD). The work performed during the invoice period includes:

- Performed monthly project management to review scope, schedule, and budget progress for WY 2024 tasks as of the end of February 2024.
- Updated budget status table.
- Requested and reviewed insurance of a potential subcontractor for monitoring well conversion services (Well Tec).
- Prepared summary of the payment status and total amount requested from the first four grant reimbursement requests.

CATEGORY (C) CONSTRUCTION, IMPLEMENTATION. The work performed for this task includes the construction and implementation portion of the Component 7 tasks. Component 7 includes one construction and implementation task – implementation of the surface water monitoring station at Coyote Creek. The work performed during the invoice period includes:

ADDRESS ABANDONED WELLS (CONVERSION OR ABANDON)

- Assessed potential to convert an inactive well to a monitoring well.

CATEGORY (D) MONITORING, ASSESSMENT. The work performed for this task includes the monitoring and reporting portion of the Component 7 tasks. The work performed in this reporting period included:

GROUNDWATER PUMPING MONITORING - ANNUAL METER VERIFICATION

- Communicated with Parties to complete testing if results were not received.
- Communicated with meter verification vendors to schedule Parties missing testing results.
- Updated meter test results tracking sheet to document meter test outcomes from newly received test results and assessed compliance with accuracy standards.

INVOICE ATTACHMENT

Description of Services

940-80-23-07 (WY 2024)

Page 2

GROUNDWATER PUMPING MONITORING - MONTHLY COLLECTION AND PROCESSING OF METER READ DATA

NOTE: THIS TASK DOES NOT INCLUDE WORK TO COORDINATE OR PERFORM METER READING SERVICES AT MANUAL-READ METERS – THAT WORK IS PAID FOR BY THE PUMPERS WITH MANUAL-READ METERS.

- Cataloged and processed February 2024 monthly meter reads.
- Communicated with Parties on questions regarding telemetry meter read values and the need to replace batteries to fix telemetry issues.
- Communicated with McCrometer Meters regarding issues with telemetry systems not reporting meter read data to the data portal.
- Calculated February 2024 pumping by well.
- Performed QA/QC of February 2024 pumping data.

GROUNDWATER LEVEL AND QUALITY MONITORING PROGRAM - SEMIANNUAL MONITORING EVENTS

- Continued preparation for the Spring 2024 monitoring event:
 - Reviewing and confirming schedule of wells to monitor for groundwater level and quality
 - Updating field forms to conform to the standards included in the updated Groundwater Monitoring Program
 - Confirming laboratory bottle orders
- Continued preparation of entry agreements for owners of wells newly participating in the groundwater monitoring program.
- Communicated with well owners to modify and execute entry agreements.
- Communicated with well owner to discuss participation in the groundwater monitoring program and which wells to sample for groundwater level vs. groundwater quality.
- Corresponded with County of San Diego staff regarding monitoring of a County-owned well.

COOPERATOR DATA COLLECTION, DATA MANAGEMENT, AND REPORTING DATA TO DWR PORTALS

- Submitted the final Annual Report to the DWR via the SGMA Monitoring Network Module (MNM) portal.
- Reviewed DWR's Well Completion Report tool to identify well completion reports and/or well construction information for wells missing construction information in the DMS. Added construction information and well logs to DMS.

ANNUAL WATER RIGHTS ACCOUNTING (PUMPING REPORT)

- No work performed in this reporting period.

ANNUAL REPORT TO THE COURT AND DWR

- Following approval of the WY 2023 Annual Report by the Board, finalized the report document (removing watermarks, implementing minor changes requested by the Board, etc.), posted it to the Watermaster website, and sent notice to distribution list.
- Delivered report to RWG for submittal to the Court in compliance with the Judgment.

INVOICE ATTACHMENT

Description of Services
940-80-23-07 (WY 2024)
Page 3

REDETERMINATION OF THE SUSTAINABLE YIELD OF THE BORREGO SPRINGS SUBBASIN

- Continued work on Task 4 – *Model Recalibration*, including:
 - Developed calibration approach.
 - Continued performing a literature review of historical irrigation practices to develop and constrain historical On-Farm Efficiencies (OFE) values.
 - Conducted phone calls with farmers in Borrego Springs to discuss historical irrigation practices in the Basin to support the selection of historical OFE values to use in the Borrego Valley Hydrologic Model (BVHM).
 - Prepared technical memorandum, including supporting figures and tables, on the literature review and proposed OFE values and ranges to use in the BVHM.
 - Updated well construction information for calibration wells (depth and screened intervals) based on information found on DWR's Well Completion Report tool and NWIS.
 - Began developing script to post-process model-estimated pumping for wells in the MNW2 package.
 - Prepared summary materials on the initial steps to perform Task 4 – *Model Recalibration* and distributed to the TAC for review. The materials included:
 - A table of the historical water budget for the Basin that was generated from running the version of the BVHM to be calibrated (“BVHM prior to calibration”) over the period 1945-2022.
 - A table comparing the water budgets generated from this BVHM version to prior versions, including the versions generated in Task 1, Task 2, and Task 3 of the approved scope-of-work.
 - The recommended estimates of historical OFE to use during model recalibration.
 - A map of the wells selected to use during calibration and time-series charts of the groundwater-elevation data from these wells that will serve as calibration targets.
 - Figures and tables identifying the pilot points and initial model parameters for model recalibration.
- Communicated with TAC member to address comments on the summary materials distributed to the TAC on the initial steps to perform Task 4 – *Model Recalibration*.

PREPARE THE 2025 GROUNDWATER MANAGEMENT PLAN UPDATE

- No work performed in this reporting period.

CATEGORY (E) STAKEHOLDER OUTREACH. The work performed for this task includes stakeholder outreach activities to support the implementation and communication of the Component 7 tasks. The work performed in this reporting period included:

TECHNICAL ADVISORY COMMITTEE MEETINGS

- Met with Dr. Russell Detwiler, a new TAC representative, to provide an overview of TAC activities and current efforts.

INVOICE ATTACHMENT

Description of Services

940-80-23-07 (WY 2024)

Page 4

- Coordinated with TAC members to schedule Ad-Hoc TAC meeting.
- Prepared Ad-Hoc TAC meeting agenda and distribute to the TAC via email.
- Noticed Ad-Hoc TAC meeting to the public distribution list.
- Prepared detailed PowerPoint Presentation to support the Ad-Hoc TAC meeting.
- Conducted Ad-Hoc TAC working meeting on March 29, 2024. The meeting attendees were Andy Malone, Samantha Adams, and Lauren Salberg.
- Posted final PowerPoint Presentation and recording of the March 29, 2024 Ad-Hoc TAC meeting to the Watermaster website.
- Prepared and sent a report-out of the Ad-Hoc TAC meeting to the TAC via email. The report-out provided a summary of the meeting discussion and posed questions to gauge TAC consensus on the methods for conducting *Task 4 – Model Recalibration*.

STAKEHOLDER OPEN HOUSE

- No work performed in this reporting period.

MAINTAIN WEBSITE AND GRANT COMMUNICATIONS

- No work performed in this reporting period.