

DEPARTMENT of PUBLIC WORKS

County of Lassen



Matt May, Interim Director
Public Works

707 Nevada Street, Suite 4
Susanville, CA 96130
☎ 530) 251-8288
FAX: (530) 251-2675

May 6, 2026

TO: Board of Supervisors
Agenda Date: May 19, 2026

FROM: Department of Public Works

SUBJECT: Third Amendment to Agreement with One Workplace

G4

ACTION REQUESTED: That the Board of Supervisors:

- 1) Approve third amendment to Agreement with One Workplace to extend Agreement to December 31, 2027, and add an additional \$25,000 to cover the term; and
- 2) Authorize the County Administrative Officer to sign third amendment to Agreement; or
- 3) Provide direction to Staff.

DISCUSSION: Currently the Public Works Department is contracted with One Workplace to store office furniture meant for the Historic Courthouse after renovations are completed. The third amendment to this Agreement with One Workplace extends the agreement to December 31, 2027, and adds an additional \$25,000 to cover the term, increasing the not to exceed amount for this contract to \$75,000.

The original Agreement dated July 1, 2024, was for \$13,230; the first amendment dated July 24, 2024, increased the not to exceed amount of the Agreement to \$50,000; the second amendment increased the term of the Agreement to December 31, 2025.

FINANCIAL IMPACT: Funding is available in Public Works expenditure account 154-1541-306100.

**THIRD AMENDMENT TO AGREEMENT
BETWEEN
ONE WORKPLACE**

This Third Amendment to Agreement is made December 31, 2025 between the COUNTY OF LASSEN, a political subdivision of the State of California (hereinafter "COUNTY"), and ONE WOKPLACE, a corporation, with a principal place of business at 1631 Alhambra Blvd, Ste. 140, Sacramento, CA 95816(hereinafter "CONTRACTOR").

1. Recitals: This Third Amendment is made with reference to the following facts and objectives:

- a. COUNTY and CONTRACTOR have entered into a written Agreement dated July 1, 2024, (the "Agreement"), in which CONTRACTOR agreed to provide project management services for the installation of furniture at the historic courthouse at 220 S Lassen St., Susanville, CA 96130
- b. COUNTY and CONTRACTOR have entered into a written First Amendment dated July 1, 2024, (the "Agreement"), in which CONTRACTOR agreed to store and handle the historic courthouse furniture.
- c. COUNTY and CONTRACTOR have entered into a written Second Amendment dated December 16, 2024 (the "Agreement"), in which CONTRACTOR agreed to extend agreement through December 31, 2025.

2. Amendments: The parties agree to amend the Agreement as follows:

- a. **TERM.** The term of the contract shall be amended to extend the duration through January 1, 2026 thru December 31, 2027.
- b. Attachment B Payment is amended as follows:

PAYMENT

B.1.1 The total cost of the agreement shall not exceed \$75,000.00 unless authorization is issued by the COUNTY.

3. Effectiveness of Agreement: Except as set forth in this Third Amendment to Agreement, all provisions of the Agreement dated July 1, 2024 and the First Amendment dated July 24, 2024 and the Second Amendment dated December 16, 2024 shall remain unchanged and in full force and effect. This Amendment incorporates each and every term of the prior agreement of the parties, as if fully set forth insofar as said terms are not inconsistent with this amendment.

IN WITNESS THEREOF, the parties hereto have executed this Third Amendment the day and year first written above by their duly authorized representative, having full authority to so act for on behalf of the parties hereto, and in a manner fully binding upon them, and each of them.

Dated: 04/29/26

CONTRACTOR
ONE WORKPLACE

By: Taylor Herrick
Taylor Herrick

COUNTY

Dated: _____

By: _____
Maurice L. Anderson
CAO

Approved as to form:



Lassen County Counsel

SECOND AMENDMENT TO AGREEMENT
BETWEEN
ONE WORKPLACE

This SECOND Amendment to Agreement is made December 18, 2024, between the COUNTY OF LASSEN, a political subdivision of the State of California (hereinafter "COUNTY"), and ONE WOKPLACE, a corporation, with a principal place of business at 1631 Alhambra Blvd, Ste. 140, Sacramento, CA 95816(hereinafter "CONTRACTOR").

1. **Recitals:** This First Amendment is made with reference to the following facts and objectives:
 - a. COUNTY and CONTRACTOR have entered into a written Agreement dated July 1, 2024, (the "Agreement"), in which CONTRACTOR agreed to provide project management services for the installation of furniture at the historic courthouse at 220 S Lassen St., Susanville, CA 96130
2. **Amendments:** The parties agree to amend the Agreement as follows:
 - a. TERM. The term of the contract shall be amended to extend the duration through December 31, 2025.
3. **Effectiveness of Agreement:** Except as set forth in this Second Amendment to Agreement, all provisions of the First Amendment dated July 24, 2024 and the Agreement dated July 1, 2024, the Second Amendment dated December 18, 2024 shall remain unchanged and in full force and effect. This Amendment incorporates each and every term of the prior agreement of the parties, as if fully set forth insofar as said terms are not inconsistent with this amendment.

IN WITNESS THEREOF, the parties hereto have executed this First Amendment the day and year first written above by their duly authorized representative, having full authority to so act for on behalf of the parties hereto, and in a manner fully binding upon them, and each of them.

Dated: 03/21/2025

CONTRACTOR
ONE WORKPLACE

By: Taylor Herrick
Taylor Herrick

Dated: 3-21-25

COUNTY

By: _____

Approved as to form:

AL
Lassen County Counsel

FIRST AMENDMENT TO AGREEMENT
BETWEEN
ONE WORKPLACE

This FIRST Amendment to Agreement is made on July 24, 2024, between the COUNTY OF LASSEN, a political subdivision of the State of California (hereinafter "COUNTY"), and ONE WORKPLACE., a corporation, with a principal place of business at 1631 Alhambra Blvd. Ste, Sacramento, CA 95816 (hereinafter "CONTRACTOR").

1. **Recitals:** This First Amendment is made with reference to the following facts and objectives:
 - a. COUNTY and CONTRACTOR have entered into a written Agreement dated July 1, 2024, (the "Agreement"), in which CONTRACTOR agreed to provide project management services for the installation of furniture at the historic courthouse at 220 S Lassen St., Susanville, CA 96130.


2. **Amendments:** The parties agree to amend the Agreement as follows:
 - a. SCOPE. The scope of work shall be increased to include storage and handling cost of historic courthouse furniture. Courthouse furniture shall be stored at 440 N. Pioneer Road, Woodland, CA 95776.

 - b. Attachment B – Payment is Amended as follows:
The total cost of this agreement shall not exceed \$50,000.00 unless authorization is issued by the COUNTY

3. **Effectiveness of Agreement:** Except as set forth in this First Amendment to Agreement, all provisions of the Agreement dated July 1, 2024 shall remain unchanged and in full force and effect. This Amendment incorporates each and every term of the prior agreement of the parties, as if fully set forth insofar as said terms are not inconsistent with this amendment.

IN WITNESS THEREOF, the parties hereto have executed this First Amendment the day and year first written above by their duly authorized representative, having full authority to so act for on behalf of the parties hereto, and in a manner fully binding upon them, and each of them.

Dated: <u>10/04/2024</u>	CONTRACTOR One Workplace By: <u>Taylor Herrick</u> Taylor Herrick
Dated: <u>10/7/24</u>	COUNTY By: <u>R For R.G.</u> Richard Egan CAO

Approved as to form: 
Lassen County Counsel

**AGREEMENT BETWEEN LASSEN COUNTY
AND
ONE WORKPLACE**

THIS AGREEMENT is made between the COUNTY OF LASSEN, a political subdivision of the State of California (hereinafter "COUNTY"), and ONE WORKPLACE, a California limited liability company, with a principal place of business at 1631 Alhambra Blvd., Ste 140, Sacramento, CA 95816, (hereinafter "CONSULTANT").

This Agreement is made with reference to the following facts and circumstances:

WHEREAS COUNTY has the need for design services to include programming, schematic design, design development, and bid documents for the historic Courthouse at 220 S Lassen St., Susanville, CA 96130.

WHEREAS CONSULTANT desires to provide those services.

In consideration of the services to be rendered, the sums to be paid, and each and every covenant and condition contained herein, the parties hereto agree as follows:

1. SERVICES.

The CONSULTANT shall provide those services described in Attachment "A". CONSULTANT shall provide said services at the time, place and in the manner specified in Attachment "A".

2. TERM.

The term of the agreement shall be for the period of February 1, 2023 through March 31, 2024.

3. PAYMENT.

COUNTY shall pay CONSULTANT for services rendered pursuant to this Agreement at the time and in the amount set forth in Attachment "B". The payment specified in Attachment "B" shall be the only payment made to CONSULTANT for services rendered pursuant to this Agreement. CONSULTANT shall submit all billing for said services to COUNTY in the manner specified in Attachment "B".

____ County Initials

Consultant Initials



4. FACILITIES, EQUIPMENT AND OTHER MATERIALS AND OBLIGATIONS OF COUNTY.

CONSULTANT shall, at its sole cost and expense, furnish all facilities, equipment, and other materials which may be required for furnishing services pursuant to this Agreement.

COUNTY shall:

- 4.1 Monitor and evaluate CONSULTANT's performance, expenditures and service levels for compliance with the terms of this Agreement.
- 4.2 Review all invoices submitted by CONSULTANT for allowable costs and approve for payment as appropriate conditioned in the availability of state funds.
- 4.3 Retain ownership and have prompt access to any report, evaluations, preliminary findings, or data assembled/developed by CONSULTANT under this Agreement.

5. ADDITIONAL PROVISIONS.

Those additional provisions unique to this Agreement are set forth in Attachment "C".

6. GENERAL PROVISIONS.

The general provisions set forth in Attachment "D" are part of this Agreement. Any inconsistency between said general provisions and any other terms or conditions of this Agreement shall be controlled by the other terms or conditions insofar as the latter are inconsistent with the general provisions.

7. DESIGNATED REPRESENTATIVES.

Pete Heimbigner, Public Works Director, is the designated representative of the COUNTY and will administer this Agreement for the COUNTY. Patrick McGiff, Account Representative is the authorized representative for CONSULTANT. Changes in the designated representatives shall occur only by advance written notice to the other party.

8. ATTACHMENTS.

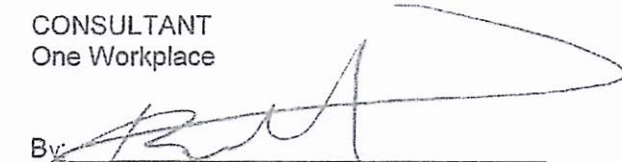
All attachments referred to herein are attached hereto and by this reference incorporated herein. Attachments include:

- Attachment A - Services
- Attachment B - Payment
- Attachment C - Additional Provisions
- Attachment D - General Provisions
- Attachment E - Consultant's Proposal

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates shown opposite their respective signatures.

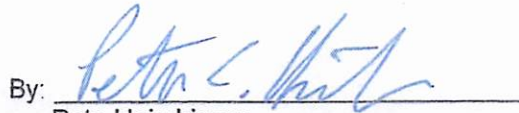
CONSULTANT
One Workplace

Dated: 2-6-2023


By: 
PATRICK MCHAFFIN

COUNTY
County of Lassen

Dated: 2/7/23

By: 
Pete Heimbigner
Director of Public Works/Transportation

Approved as to form:


Lassen County Counsel

ATTACHMENT A
AGREEMENT BETWEEN LASSEN COUNTY
AND
ONE WORKPLACE
SCOPE OF SERVICES

A.1 The services to be provided by CONSULTANT and the scope of CONSULTANT's duties include the following:

A.1.1 Consultant shall furnish all materials, supplies, tools, equipment, travel, labor and other services necessary to provide design services in accordance with CONSULTANT's proposal and as directed by the COUNTY.

END OF ATTACHMENT "A"

ATTACHMENT B
AGREEMENT BETWEEN LASSEN COUNTY
AND
ONE WORKPLACE
PAYMENT

B.1 COUNTY shall pay CONSULTANT as follows:

B.1.1 Compensation will be time and materials at CONSULTANT's standard rates based on pre-approved quotes for the scope of work requested.

B.1.2 The Consultant shall accept the compensation provided in the contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to complete the work.

B.1.3 The Consultant shall submit an invoice for payment with itemized charges.


B.1.4 Invoices may be submitted no more frequently than once per month.

B.1.5 Payment will be made upon satisfaction and acceptance of work product by County.

B.1.6 The total cost of this Agreement shall not exceed \$13,230.00 unless written authorization is issued by the COUNTY.

END OF ATTACHMENT "B"

Page 1

_____ County Initials Consultant Initials 

ATTACHMENT C

**AGREEMENT BETWEEN LASSEN COUNTY
AND
ONE WORKPLACE**

ADDITIONAL PROVISIONS

- C.1 Upon request of the County, the Consultant shall advise and consult with the County during the Construction Phase.

The Consultant shall visit the site at intervals appropriate to the stage of construction and at the request of the County, to determine, in general, if the Work observed is being performed in accordance with the Contract Documents. On the basis of the site visits, the Consultant shall report to the County any known deviations from the Contract documents or defects and deficiencies observed in the Work.

The Consultant shall, within time limits agreed upon or otherwise with reasonable promptness, render written recommendations on claims, disputes, and other matters in question between the Owner and Contractor relating to the execution or progress of This Portion of the Project as provided by the Contract Documents.

The Consultant shall assist the County in determining whether the County shall reject Work for This Portion of the Project which does not conform to the Contract Documents or whether additional inspection or testing is required.

The County shall confer with the Consultant before issuing interpretations or clarifications of documents prepared by the Consultant and shall request the recommendation of the Consultant before providing interpretations or clarifications of shop drawings, product data, samples, or other submissions of the Contractor, or upon change Orders and Construction Change Directives affecting This Portion of the Project.

The Consultant shall not have control over, charge of, or responsibility for the construction means, methods, procedures, or for safety precautions in connection with the Work, nor shall the Consultant be responsible for the Contractor's failure to perform the Work in accordance with the Contract Documents.

END OF ATTACHMENT "C"

ATTACHMENT D

**AGREEMENT BETWEEN LASSEN COUNTY
AND
ONE WORKPLACE**

GENERAL PROVISIONS

D.1. INDEPENDENT CONSULTANT. For all purposes arising out of this Agreement, CONSULTANT shall be: an independent consultant and CONSULTANT and each and every employee, agent, servant, partner, and shareholder of CONSULTANT (collectively referred to as "The Consultant") shall not be, for any purpose of this Agreement, an employee of COUNTY. Furthermore, this Agreement shall not under any circumstance be construed or considered to be a joint powers agreement as described in California Government Code sections 6000, et seq., or otherwise. As an independent consultant, the following shall apply:

D.1.1 CONSULTANT shall determine the method, details and means of performing the services to be provided by CONSULTANT as described in this Agreement.

D.1.2 CONSULTANT shall be responsible to COUNTY only for the requirements and results specified by this Agreement and, except as specifically provided in this Agreement, shall not be subject to COUNTY's control with respect to the physical actions or activities of CONSULTANT in fulfillment of the requirements of this Agreement.

D.1.3 CONSULTANT shall be responsible for its own operating costs and expenses, property and income taxes, workers' compensation insurance and any other costs and expenses in connection with performance of services under this Agreement.

D.1.4 CONSULTANT is not, and shall not be, entitled to receive from or through COUNTY, and COUNTY shall not provide or be obligated to provide the CONSULTANT with workers' compensation coverage, unemployment insurance coverage or any other type of employee or worker insurance or benefit coverage required or provided by any federal, state or local law or regulation for, or normally afforded to, any employee of COUNTY

D.1.5 The CONSULTANT shall not be entitled to have COUNTY withhold or pay, and COUNTY shall not withhold or pay, on behalf of the CONSULTANT any tax or money relating to the Social Security Old Age Pension Program, Social Security Disability Program or any other type of pension, annuity or disability program required or provided by any federal, state or local law or regulation for, or normally afforded to, an employee of COUNTY.

D.1 .6 The CONSULTANT shall not be entitled to participate in, or receive any benefit from, or make any claim against any COUNTY fringe benefit program including, but not limited to, COUNTY's pension plan, medical and health care plan, dental plan, life insurance plan, or other type of benefit program, plan or coverage designated for, provided to, or offered to COUNTY's employees.

D.1 .7 COUNTY shall not withhold or pay on behalf of CONSULTANT any federal, state or local tax including, but not limited to, any personal income tax owed by CONSULTANT.

____ County Initials

ATTACHMENT D, Page 2

Consultant Initials 

D.1.8 The CONSULTANT is, and at all times during the term of this Agreement shall represent and conduct itself as, an independent consultant and not as an employee of COUNTY.

D.1.9 CONSULTANT shall not have the authority, express or implied, to act on behalf of, bind or obligate the COUNTY any way without the written consent of the COUNTY.

D.2 LICENSES, PERMITS, ETC. CONSULTANT represents and warrants to COUNTY that it has all licenses, permits, qualifications, and approvals of whatsoever nature which are legally required for CONSULTANT to practice its profession. CONSULTANT represents and warrants to COUNTY that CONSULTANT shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals which are legally required for CONSULTANT to practice its profession at the time the services are performed.

D.3 CHANGE IN STATUTES OR REGULATIONS. If there is a change of statutes or regulations applicable to the subject matter of this Agreement, both parties agree to be governed by the new provisions, unless either party gives notice to terminate pursuant to the terms of this Agreement.

D.4 TIME. CONSULTANT shall devote such time to the performance of services pursuant to this Agreement as may be reasonably necessary for the satisfactory performance of CONSULTANT's obligations pursuant to this Agreement. Neither party shall be considered in default of this Agreement to the extent performance is prevented or delayed by any cause, present or future, which is beyond the reasonable control of the party.

D.5 INSURANCE.

D.5.1 Prior to rendering services provided by the terms and conditions of this Agreement, CONSULTANT shall acquire and maintain during the term of this Agreement insurance coverage (hereinafter referred to as "the insurance") through and with an insurer acceptable to COUNTY. The insurance shall contain the following coverages:

D.5.1.1 Comprehensive general liability insurance including comprehensive public liability insurance with minimum coverage of One Million Dollars (\$1,000,000) per occurrence and with not less than One Million Dollars (\$1,000,000) aggregate; CONSULTANT shall insure both COUNTY and CONSULTANT against any liability arising under or related to this Agreement.

D.5.1.2 During the term of this Agreement, CONSULTANT shall maintain in full force and effect a policy of professional errors and omissions insurance with policy limits of not less than One Million Dollars (\$1,000,000) per incident and One Million Dollars (\$1,000,000) annual aggregate, with deductible or self-insured portion not to exceed Two Thousand Five Hundred Dollars (\$2,500).

D.5.1.3 Comprehensive automobile liability insurance with minimum coverage of Five Hundred Thousand Dollars (\$500,000) per occurrence and with not less than Five Hundred Thousand Dollars (\$500,000) on reserve in the aggregate, with combined single limit including owned, non-owned and hired vehicles.

D.5.1.4 Workers' Compensation Insurance coverage for all of CONSULTANT's employees and other persons for whom CONSULTANT is responsible to provide such insurance coverage, as provided by Division 4 and 4.5 of the California Labor Code.

County Initials

ATTACHMENT D, Page 3

Consultant Initials

D.5.2 The limits of insurance herein shall not limit the liability of the CONSULTANT hereunder.

D.5.3 In respect to any insurance herein, if the aggregate limit available becomes less than that required above, other excess insurance shall be acquired and maintained immediately. For the purpose of any insurance term of this Agreement, "aggregate limit available" is defined as the total policy limits available for all claims made during the policy period.

D.5.4 Except for automobile liability insurance, the insurance shall name the COUNTY and COUNTY's officers, employees, agents and independent consultants as additional insureds and shall include an endorsement that no cancellation or material change adversely affecting any coverage provided by the insurance may be made until twenty (20) days after written notice is delivered to COUNTY.

D.5.5 The insurance policy forms, endorsements and insurer(s) issuing the insurance shall be satisfactory to COUNTY at its sole and absolute discretion. The amount of any deductible payable by the insured shall be subject to the prior approval of the COUNTY and the COUNTY, as a condition of its approval, may require such proof of the adequacy of CONSULTANT's financial resources as it may see fit.

D.5.6 Prior to CONSULTANT rendering services provided by this Agreement, and immediately upon acquiring additional insurance, CONSULTANT shall deliver a certificate of insurance describing the insurance coverages and endorsements to:

Lassen County Public Works Department
707 Nevada St., Suite 4
Susanville, CA 96130

Upon County's request, CONSULTANT shall deliver certified copies of any insurance policies to COUNTY.

D.5.7 CONSULTANT shall not render services under the terms and conditions of this Agreement unless each type of insurance coverage and endorsement is in effect and CONSULTANT has delivered the certificate(s) of insurance to COUNTY as previously described. If CONSULTANT shall fail to procure and maintain said insurance, COUNTY may, but shall not be required to, procure and maintain the same, and the premiums of such insurance shall be paid by CONSULTANT to COUNTY upon demand. The policies of insurance provided herein which are to be provided by CONSULTANT shall be for a period of not less than one year, it being understood and agreed that twenty (20) days prior to the expiration of any policy of insurance, CONSULTANT will deliver to COUNTY a renewal or new policy to take the place of the policy expiring.

D.5.8 COUNTY shall have the right to request such further coverages and/or endorsements on the insurance as COUNTY deems necessary, at CONSULTANT's expense. The amounts, insurance policy forms, endorsements and insurer(s) issuing the insurance shall be satisfactory to COUNTY in its sole and absolute discretion.

____ County Initials ATTACHMENT D, Page 4 Consultant Initials 

D.5.9 Any subconsultant(s), independent consultant(s) or any type of agent(s) performing or hired to perform any term or condition of this Agreement on behalf of CONSULTANT, as may be allowed by this Agreement (hereinafter referred to as the "SECONDARY PARTIES"), shall comply with each term and condition of this Section D.5 entitled "INSURANCE". Furthermore, CONSULTANT shall be responsible for the SECONDARY PARTIES' acts and satisfactory performance of the terms and conditions of this Agreement.

D.6 **INDEMNITY.** County shall not be liable for, and CONSULTANT shall defend and indemnify COUNTY and its officers, agents, employees and volunteers (collectively 'County Parties'), against any and all claims, deductibles, self-insured retentions, demands, liability, judgments, awards, fines, mechanics' liens or other liens, labor disputes, losses, damages, expenses, charges or costs of any kind or character, including attorneys' fees and court costs (hereinafter collectively referred to as 'Claims'), which arise out of or are in any way connected to the work covered by this Agreement arising either directly or indirectly from any act, error, omission or negligence of CONSULTANT or its officers, employees, agents, consultants, licensees or servants, including, without limitation, claims caused by the concurrent negligent act, error or omission, of County Parties. However, CONSULTANT shall have no obligation to defend or indemnify County Parties against claims caused by the active negligence, sole negligence or willful misconduct of County Parties.

D.7 **CONSULTANT NOT AGENT.** Except as COUNTY may specify in writing, CONSULTANT shall have no authority, express or implied, to act on behalf of COUNTY in any capacity whatsoever as an agent. CONSULTANT shall have no authority, express or implied, pursuant to this Agreement to bind COUNTY to any obligation whatsoever.

D.8 **ASSIGNMENT PROHIBITED.** CONSULTANT may not assign any right or obligation pursuant to this Agreement. Any attempted or purported assignment of any right or obligation pursuant to this Agreement shall be void and of no legal effect.

D.9 **PERSONNEL.** CONSULTANT shall assign only competent personnel to perform services pursuant to this Agreement. In the event that COUNTY, in its sole discretion at any time during the term of this Agreement, desires the removal of any person or persons assigned by CONSULTANT to perform services pursuant to this Agreement, CONSULTANT shall remove any such person immediately upon receiving written notice from COUNTY of its desire for removal of such person or persons.

D.10 **STANDARD OF PERFORMANCE.** CONSULTANT shall perform all services required pursuant to this Agreement in the manner and according to the standards observed by a competent practitioner of the profession in which CONSULTANT is engaged. All products of whatsoever nature which CONSULTANT delivers to COUNTY pursuant to this Agreement shall be prepared in a first class and workmanlike manner and shall conform to the standards of quality normally observed by a person practicing in CONSULTANT's profession.

D.11 **POSSESSORY INTEREST.** The parties to this Agreement recognize that certain rights to property may create a "possessory interest", as those words are used in the California Revenue and Taxation Code section 107. For all purposes of compliance by COUNTY with Section 107.6 of the California Revenue and Taxation Code, this recital shall be deemed full compliance by the COUNTY. All questions of initial determination of possessory interest and valuation of such interest, if any, shall be the responsibility of the County Assessor and the contracting parties hereto. A taxable possessory interest may be created by this, if created, and the party in whom such an interest is vested will be subject to the payment of property taxes levied on such an interest.

_____ County Initials ATTACHMENT D, Page 5 Consultant Initials 

D.12 TAXES. CONSULTANT hereby grants to the COUNTY the authority to deduct from any payments to CONSULTANT any COUNTY imposed taxes, fines, penalties and related charges which are delinquent at the time such payments under this Agreement are due to CONSULTANT.

D.13 TERMINATION.

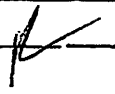
D.13.1 COUNTY shall have the right to terminate this Agreement at any time by giving notice in writing of such termination to CONSULTANT. In the event COUNTY gives notice of termination, CONSULTANT shall immediately cease rendering service upon receipt of such written notice and the following shall apply:

D.13.1.1 CONSULTANT shall deliver to COUNTY copies of all writings prepared by it pursuant this agreement. The term "writings" shall be construed to mean and include: handwriting, typewriting, printing, photocopying, photographing computer storage medium (tapes, disks, diskettes, etc.) and every other means of recording upon any tangible thing, and form of communication or representation, including letters, pictures, sounds, or symbols, or combinations thereof.

D.13.1.2 COUNTY shall pay CONSULTANT the reasonable value of services rendered by CONSULTANT to the date of termination pursuant to this Agreement not to exceed the amount documented by CONSULTANT and approved by COUNTY as work accomplished to date; provided, however, that in no event shall any payment hereunder exceed thirteen thousand two hundred thirty and 00/00 Dollars (\$13,230.00). Further provided, however, COUNTY shall not in any manner be liable for lost profits which might have been made by CONSULTANT had CONSULTANT completed the services required by this Agreement. In this regard, CONSULTANT shall furnish to COUNTY such financial information as in the judgment of the COUNTY is necessary to determine the reasonable value of the services rendered by CONSULTANT. In the event of a dispute as to the reasonable value of the services rendered by CONSULTANT, the decision of the COUNTY shall be final. The foregoing is cumulative and does not affect any right or remedy which COUNTY may have in law or equity.

D.13.2 CONSULTANT may terminate its services under this Agreement upon thirty (30) working days written notice to the COUNTY, without liability for damages, if CONSULTANT is not compensated according to the provisions of the Agreement or upon any other material breach of the Agreement by COUNTY, provided that CONSULTANT has first provided COUNTY with a written notice of any alleged breach, specifying the nature of the alleged breach and providing not less than ten (10) working days within which the COUNTY may cure the alleged breach.

D.14 OWNERSHIP OF INFORMATION. All professional and technical information developed under this Agreement and all work sheets, reports, and related data shall become and/or remain the property of COUNTY, and CONSULTANT agrees to deliver reproducible copies of such documents to COUNTY on completion of the services hereunder. The COUNTY agrees to indemnify and hold CONSULTANT harmless from any claim arising out of reuse of the information for other than this project.

____ County Initials ATTACHMENT D, Page 6 Consultant Initials 

D.15 WAIVER. A waiver by any party of any breach of any term, covenant or condition herein contained or a waiver of any right or remedy of such party available hereunder at law or in equity shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition herein contained or of any continued or subsequent right to the same right or remedy. No party shall be deemed to have made any such waiver unless it is in writing and signed by the party so waiving.

D.16 COMPLETENESS OF INSTRUMENT. This Agreement, together with its specific references and attachments, constitutes all of the agreements, understandings, representations, conditions, warranties and covenants made by and between the parties hereto. Unless set forth herein, neither party shall be liable for any representations made, express or implied.

D.17 SUPERSEDES PRIOR AGREEMENTS. It is the intention of the parties hereto that this Agreement shall supersede any prior agreements, discussions, commitments, representations, or agreements, written or oral, between the parties hereto.

D.18 ATTORNEY'S FEES. If any action at law or in equity, including an action for declaratory relief, is brought to enforce or interpret provisions of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees, which may be set by the Court in the same action or in a separate action brought for that purpose, in addition to any other relief to which such party may be entitled.

D.19 MINOR AUDITOR REVISION. In the event the Lassen County Auditor's office finds a mathematical discrepancy between the terms of the Agreement and actual invoices or payments, provided that such discrepancy does not exceed one percent (1%) of the Agreement amount, the Auditor's office may make the adjustment in any payment or payments without requiring an amendment to the Agreement to provide for such adjustment. Should the COUNTY or the CONSULTANT disagree with such adjustment, they reserve the right to contest such adjustment and/or to request corrective amendment.

D.20 CAPTIONS. The captions of this Agreement are for convenience in reference only and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

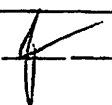
D.21 DEFINITIONS. Unless otherwise provided in this Agreement, or unless the context otherwise requires, the following definitions and rules of construction shall apply herein.

D.21.1 Number and Gender. In this Agreement, the neuter gender includes the feminine and masculine, the singular includes the plural, and the word "person" includes corporations, partnerships, firms or associations, wherever the context so requires.

D.21.2 Mandatory and Permissive. "Shall" and "will" and "agrees" are mandatory. "May" is permissive.

D.22 TERM INCLUDES EXTENSIONS. All references to the term of this Agreement or the Agreement Term shall include any extensions of such term.

D.23 SUCCESSORS AND ASSIGNS. All representations, covenants and warranties specifically set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

____ County Initials ATTACHMENT D, Page 7 Consultant Initials 

D.24 MODIFICATION. No modification or waiver of any provisions of this Agreement or its attachments shall be effective unless such waiver or modification shall be in writing, signed by all parties, and then shall be effective only for the period and on the condition, and for the specific instance for which given.

D.25 COUNTERPARTS. This Agreement may be executed simultaneously and in several counterparts, each of which shall be deemed an original, but which together shall constitute one and the same instrument.

D.26 OTHER DOCUMENTS. The parties agree that they shall cooperate in good faith to accomplish the object of this Agreement and, to that end, agree to execute and deliver such other and further instruments and documents as may be necessary and convenient to the fulfillment of these purposes.

D.27 PARTIAL INVALIDITY. If any term, covenant, condition or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provision and/or provisions shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

D.28 VENUE. It is agreed by the parties hereto that unless otherwise expressly waived by them, any action brought to enforce any of the provisions hereof or for declaratory relief hereunder shall be filed and remain in a court of competent jurisdiction in the County of Lassen, State of California.

D.29 CONTROLLING LAW. The validity, interpretation and performance of this Agreement shall be controlled by and construed under the laws of the State of California.

D.30 CALIFORNIA TORT CLAIMS ACT. Notwithstanding any term or condition of the Agreement, the provisions, and related provisions, of the California Tort Claims Act, Division 3.6 of the Government Code, are not waived by COUNTY and shall apply to any claim against COUNTY arising out of any acts or conduct under the terms and conditions of this Agreement.

D.31 TIME IS OF THE ESSENCE. Time is of the essence of this Agreement and each covenant and term herein.

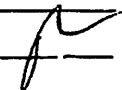
D.32 AUTHORITY. All parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, estates or firms represented or purported to be represented by such entity(s), person(s), estate(s) or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement are in full compliance. Further, by entering into this Agreement, neither party hereto shall have breached the terms or conditions of any other contract or agreement to which such party is obligated, which such breach would have a material effect hereon.

D.33 CORPORATE AUTHORITY. If CONSULTANT is a corporation or public agency, each individual executing this Agreement on behalf of said corporation or public agency represents and warrants that he or she is duly authorized to execute and deliver this Agreement on behalf of said corporation, in accordance with a duly adopted resolution of the Board of Directors of said corporation or in accordance with the bylaws of said corporation or Board or Commission of said public agency, and that this Agreement is binding upon said corporation or public entity in accordance with its terms. If CONSULTANT is a corporation, CONSULTANT shall, within thirty (30) days after execution of this Agreement, deliver to COUNTY a certified copy of a resolution of the Board of Directors of said corporation authorizing or ratifying the execution of this Agreement.

____ County Initials

ATTACHMENT D, Page 8

Consultant Initials



D.34 CONFLICT OF INTEREST.

D.34.1 Legal Compliance. CONSULTANT agrees at all times in performance of this Agreement to comply with the law of the State of California regarding conflicts of interest, including, but not limited to, Article 4 of Chapter 1, Division 4, Title 1 of the California Government Code, commencing with Section 1090 and Chapter 7 of Title 9 of said Code, commencing with Section 87100, including regulations promulgated by the California Fair Political Practices Commission.

D.34.2 Advisement. CONSULTANT agrees that if any facts come to its attention which raise any questions as to the applicability of this law, it will immediately inform the COUNTY designated representative and provide all information needed for resolution of the question.

D.34.3 Admonition. Without limitation of the covenants in subparagraphs D.34.1 and D.34.2, CONSULTANT is admonished hereby as follows:

The statutes, regulations and laws referenced in this provision D.34 include, but are not limited to, a prohibition against any public officer, including CONSULTANT for this purpose, from making any decision on behalf of COUNTY in which such officer has a direct or indirect financial interest. A violation occurs if the public officer influences or participates in any COUNTY decision which has the potential to confer any pecuniary benefit on CONSULTANT or any business firm in which CONSULTANT has an interest of any type, with certain narrow exceptions.

D.35 NONDISCRIMINATION. During the performance of this Agreement, CONSULTANT shall not unlawfully discriminate against any employee of the CONSULTANT or of the COUNTY or applicant for employment or for services or any member of the public because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age or sex. CONSULTANT shall ensure that in the provision of services under this Agreement, its employees and applicants for employment and any member of the public are free from such discrimination. CONSULTANT shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.). The applicable regulations of the Fair Employment Housing Commission implementing Government Code Section 12900, set forth in Chapter 5, Division 4 of Title 2 of the California Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. CONSULTANT shall also abide by the Federal Civil Rights Act of 1964 and all amendments thereto, and all administrative rules and regulation issued pursuant to said Act CONSULTANT shall give written notice of its obligations under this clause to any labor agreement. CONSULTANT shall include the non-discrimination and compliance provision of this paragraph in all subcontracts to perform work under this Agreement.

D.36 JOINT AND SEVERAL LIABILITY. If any party consists of more than one person or entity, the liability of each person or entity signing this Agreement shall be joint and several.

D.37 TAXPAYER I.D. NUMBER. The COUNTY shall not disburse any payments to CONSULTANT pursuant to this Agreement until CONSULTANT supplies the latter's Taxpayer Identification Number or Social Security Number by providing COUNTY with a completed IRS Form W-9.

_____ County Initials ATTACHMENT D, Page 9 Consultant Initials 

D.38 NOTICES. All notices and demands of any kind which either party may require or desire to serve on the other in connection with this Agreement must be served in writing either by personal service or by registered or certified mail, return receipt requested, and shall be deposited in the United States Mail, with postage thereon fully prepaid, and addressed to the party so to be served as follows:

If to "COUNTY":

Lassen County Public Works Department
707 Nevada St., Suite 4
Susanville, CA 96130

If to "CONSULTANT":

Patrick McGiff
One Workplace
1631 Alhambra Blvd. Ste 140
Sacramento, CA 95816

END OF ATTACHMENT "D"

ATTACHMENT E

AGREEMENT BETWEEN LASSEN COUNTY AND ONE WORKPLACE

Consultant's Proposal



Susanville Office

Quotation 695523
Quote Date 5/11/23
Project 226912
Customer FRO001
Terms Creek Field
Account Representative Patrick McGinn

Quote To
Lassen County Board of Sup Building T1
220 S Lassen St Ste 4
Susanville CA 96130-4557

Ship To
Lassen County Board of Sup Building T1
220 S Lassen St Ste 4
Susanville CA 96130-4557

DESIGN SERVICES FOR LASSEN COUNTY HISTORIC COURTHOUSE BOARD OF SUPERVISORS TI PHASE 3.

DESIGN SERVICES WILL BE BILLED MONTHLY, IN FULL HOUR INCREMENTS, AS SERVICES ARE RENDERED. PLEASE FORMAT PURCHASE ORDER ACCORDINGLY, TO ACCOMMODATE MULTIPLE PARTIAL INVOICES.

Email Purchase Order to:
Patrick McGinn
Email: patrickm@oneworkplace.com
or: jennifer@oneworkplace.com

Thank you for your interest in utilizing One Workplace for your space needs.
Sincerely, Patrick McGinn (916)452-1851

Sales taxes shown are at current rates, but subject to change without notice to those rates applicable at the time of invoicing.

Table with 4 columns: Description, Quantity, Unit Price, Extended Price. Row 1: DESIGN SERVICES - NON-TAXABLE DESIGN SERVICES TO PERFORM THE FOLLOWING: Programming, Schematic Design, Design development, Documentation. UNITED

Quotation Totals
Sub Total 13,230.00
DesignServicesOnlyNoProduct 0.00
Grand Total 13,230.00

End of Quotation

Accepted by _____ Title _____ Date _____

END OF ATTACHMENT "E"

County Initials ATTACHMENT E, Page 11 Consultant Initials [Signature]

Agreement/Contract Tracking Slip

One Workplace Third Amendment

Memo to County Counsel with Attachment

County Counsel Approved as to Form

Signed by Contractor

Sent 4/29/26

Signed by Public Works

 N/A

Memo to CAO with Attachment

4/30/26

Signed by CAO

Executed Copy to Contractor

Insurance

Liability/Workers Comp

Auto

Notify Vendor for updated Ins. 4/28/26
sent email to Taylor

Auditor Cover Sheet Complete

Clerk of the Board Cover Sheet

 N/A

Contract Number Assigned

Copy Provided to Auditor

Scan into Roads/Accounting/Contracts

Pull third amendment signed contract
add to top of second amendment in
this packet -

Needs to go to the Board
for approval

**LASSEN COUNTY AUDITOR'S OFFICE
CONTRACTS/AGREEMENTS INFORMATION SHEET**

This form is to be submitted to the Auditor's Office to be kept on file as reference for payment of invoices.
Be sure to attach:

- Contract/Agreement
- W-9 (if this is a new vendor)

Date: _____

Department: Lassen County Public Works

Contact Person: Nan Henderson

Contact Telephone: 251-1007

Contact Email: nhenderson@co.lassen.ca.us

Contract Summary Info:

Vendor: One Workplace Vendor # 16411

Term of Contract: January 1, 2026 through December 31, 2027

Fund: 154 Budget Unit 1541 Account: 306100 Program _____

FY: 25/26 FY Amount: \$50,000.00

FY: 26/27 FY Amount: \$25,000.00

FY: _____ FY Amount: _____

Maximum Contract Amount: \$75,000.00 (If over \$10,000.00)

BOS approval date: N/A (If over \$50,001.00 or above. Public Works: if over \$200,000.00 or above)

Check One:

- As Needed Contract (Contract establishes type of service and rates, but is only used as needed)
- Active Contract (Services will be provided and completed within the term)

Purpose of Contract:

Project management service for Courthouse furniture

Additional Information: (i.e. If new contract refers to another contract/agreement or an addendum to a previous agreement:

This is the 3rd amendment to add an additional \$25,00.00 and extend term of the contract to FY 2027



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
03/30/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Chicago IL Office 200 East Randolph Chicago IL 60601 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105		
	E-MAIL ADDRESS:		
INSURED One Workplace L. Ferrari, LLC. Attn: Mike Spencer 2500 De La Cruz Boulevard Santa Clara CA 95050 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Zurich American Ins Co		16535
	INSURER B: Underwriters At Lloyds London		15792
	INSURER C: Travelers Property Cas Co of America		25674
	INSURER D:		
	INSURER E:		

COVERAGES **CERTIFICATE NUMBER:** 570118941557 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			GLO509889017	04/01/2026	04/01/2027	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BAP 5098889-17	04/01/2026	04/01/2027	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION			CUP2T10491026NF Umbrella/Excess Liability	04/01/2026	04/01/2027	EACH OCCURRENCE \$15,000,000 AGGREGATE \$15,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N/A	WC509888818	04/01/2026	04/01/2027	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
B	Architects & Engineers Professional			ANE2047 Claims-Made	04/01/2026	04/01/2027	Per Claim \$3,000,000 Deductible \$50,000 Aggregate \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

County of Lassen Attn: Kayla Neely 707 Nevada Street, Suite 4 Susanville CA 96130-3912 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Central Inc</i>

Holder Identifier :

Certificate No : 570118941557



ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Services Central, Inc.		NAMED INSURED One Workplace L. Ferrari, LLC.	
POLICY NUMBER See Certificate Number: 570118941557			
CARRIER See Certificate Number: 570118941557	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance**

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	OTHER							
B	Architects & Engineers Professional			ANE2047 Claims-Made	04/01/2026	04/01/2027	Agg Deductible	\$150,000



ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Services Central, Inc.		NAMED INSURED One Workplace L. Ferrari, LLC.	
POLICY NUMBER See Certificate Number: 570118941557			
CARRIER See Certificate Number: 570118941557	NAIC CODE	EFFECTIVE DATE:	


ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance**

Prof Issuing Carriers

Brit Syndicate No. 2987 - 58.75%
 AEGIS E&O Consortium Syndicate No. 4893* - 11.25%
 Renaissance Re Syndicate No. 1458 - 10.00%
 Axis Syndicate No. 1686 - 5.00%
 Ascot Syndicate No. 1414 - 10.00%
 QBE Syndicate No. 5555 - 5.00%

Landfill expansions in California require comprehensive permitting, focusing on rigorous environmental review under the California Environmental Quality Act (CEQA), updated liner and leachate collection systems, organic waste reduction compliance (SB 1383), and extensive methane emission controls. Key steps include revising the Joint Technical Document (JTD), obtaining updated Waste Discharge Requirements (WDRs) from the Water Board, and securing local land use approvals.

 San Benito County (.gov) +4

Key Requirements for Landfill Expansion

- **Environmental Impact Report (EIR):** A full Environmental Impact Report (EIR) is generally required to evaluate impacts on air quality, traffic, and ecology.
- **Organic Waste Management (SB 1383):** Expanding landfills must include, or prepare for, organic waste reduction activities, including submitting an Organic Disposal Reduction Status Impact Report.
- **Engineering Standards (Title 27):** New areas must comply with California Code of Regulations Title 27, which requires specialized liner systems (synthetic liner at least 40-60 mils thick over compacted soil) and leachate collection systems.
- **Methane Emission Control:** Landfills must implement gas collection and control systems to meet stringent methane emission standards, typically requiring a 98% reduction in non-methane organic compounds (NMOC).
- **Local and State Approvals:**
 - **CalRecycle:** Approval of a revised Solid Waste Facility Permit (SWFP).
 - **Regional Water Quality Control Board (RWQCB):** Revision of WDRs to ensure groundwater protection.
 - **Local Enforcement Agency (LEA):** Review of the JTD and site operations.
- **Capacity and Mitigation:** Expansions often require ensuring long-term capacity for local waste (e.g., a 15-year commitment) and providing funding for environmental mitigation or community benefits.

 County of San Benito (.gov) +6

Operational and Monitoring Requirements

- **Groundwater Monitoring:** Expanding landfills must maintain or update monitoring systems for groundwater and the vadose zone.
- **Slope Stability:** Final covers must be designed for stability to prevent erosion and manage stormwater.

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 San Benito County (.gov) +4

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 County of San Benito (.gov) +6

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Doug Ames

From: Sara Chandler
Sent: Wednesday, December 8, 2021 2:22 PM
To: Doug Ames
Subject: FW: Revised BHLF Basins Design
Attachments: BHLF Basin Design Memo V2 Dec 2020.pdf

I just found this email with a flag on it. I'm not sure if it needs to be added to the files.

From: Tom Valentino <tomvalentino.chico@gmail.com>
Sent: Monday, December 21, 2020 1:36 PM
To: Steve Burton <Steve.Burton@wildlife.ca.gov>
Cc: Vlach, Justin@CalRecycle <Justin.Vlach@calrecycle.ca.gov>; Sara Chandler <SChandler@co.lassen.ca.us>; OKeefe, Kerri@Waterboards <Kerri.OKeefe@waterboards.ca.gov>; Brooks, Jeff@Waterboards <Jeff.Brooks@waterboards.ca.gov>; Richgels, Christopher <christopher.richgels@aptim.com>; Julie Ogilvie <jogilvie@artemis-environmental.com>; Bruce Steubing <bsteubing@benchmarkresources.com>; Joshua Nelson <joshua.nelson@bbklaw.com>; Peter Heimbigner <PHeimbigner@co.lassen.ca.us>; Debbie Rivas <lrswwa2@citlink.net>; Gary Gillis <garygillis@frontier.com>
Subject: Revised BHLF Basins Design

This message comes from an external sender. EXTERNAL SENDER WARNING!

Good afternoon Steve. Attached is the revised design and engineering plan for the storm water basins at Bass Hill Landfill, prepared by Aptim Engineering. There are two basins, designated north and south, both of which are designed as surface water retention structures (i.e., no discharge). The north basin is located on current LRSWMA property. The south basin within the proposed easement area within the Bass Hill Wildlife Area, adjacent to the landfill property.

The basins map is on the last page of the attachment.

This document is issued for review and comment by approving regulatory agencies (DF&W, RWQCB, CalRecycle and Lassen County Environmental Health Dept.). We are looking for specific comments that could affect the basins' design features, such as environmental issues. The basins locations and design features were prepared to limit environmental impacts and, hopefully, foster a streamlined permitting process.

Once comments are received, any necessary changes will be made to the design plan and we will move to the CEQA process, hopefully within the first few months of 2021.

IMPORTANT NOTE: After 19 years, I am leaving my position as manager of the LRSWMA effective Jan. 1, 2021. Peter Heimbigner is taking over my duties and he is cc'd in this email. Pete is the Director of the Lassen County Dept of Public Works. After January 1st, please direct all correspondence to Mr. Heimbigner.

We hope everyone has a great holiday season.

Tom

**APTIM**

180 PROMENADE
CIRCLE, SUITE 320

SACRAMENTO,
CALIFORNIA 95834

(916) 928-3300

APTIM.com

DECEMBER 21, 2020

ATTENTION: Tom Valentino

SUBJECT: Bass Hill Landfill Evaporative Stormwater Detention Basins

Mr Valentino:

Aptim Environmental and Infrastructure (Aptim) was retained by the Lassen Regional Solid Waste Management Authority (LRSWMA) to provide design services and construction documents for a proposed stormwater management basin at the Bass Hill Landfill (BHLF) southeast of Susanville, California along State Highway 395.

Previously, Aptim had designed a stormwater detention basin that would allow for sediment deposition before discharge. However, basin discharge would be to an ephemeral channel that posed a potentially difficult permitting process with the state and continued discharge monitoring in perpetuity. Hence, the LRSWMA elected to revisit the possibility of a stormwater retention basin or basins to avoid a discharge scenario. The investigation and proposed design of three evaporative retention basins is discussed below.

Local Climate and Evaporation

As discussed in the previous design memorandum, the local climate for the BHLF is of a semi-arid nature. Average annual rainfall and snowfall data is listed in Table 1.

As reported earlier, total average annual rainfall is 15.04 inches and total average annual snowfall is 35.5 inches. Based on data from the National Oceanic and Atmospheric Administration (NOAA) atlas 14, Volume 6 for California, the 24-hour, 25-year and 100-year storm precipitation totals for the BHLF location are estimated as 3.78 and 4.93 inches, respectively.

The previous investigation relied on evaporation estimates from the California Irrigation Management Information System (CIMIS) for water loss from cropland since there is no Pan A evaporation data in the local area. The southern half of Lassen County is in CIMIS' Zone 13. However, Zone 13 is not a contiguous area. It extends south from Lassen County to El Dorado County and includes Trinity and the western half of Siskiyou County separated from the eastern section by the Sacramento Valley. Thus Zone 13 estimates are not specific to the Susanville area and its higher wind velocities that sometimes cause early cessation of landfill operations to reduce windblown litter.

Table 1

Month	July	Aug.	Sept.	Oct.	Nov.	Dec	Jan	Feb	Mar	Apr	May	June
Average Rainfall ² (inch)	0.23	0.17	0.46	1.05	1.61	2.60	2.96	2.12	1.73	0.79	0.77	0.55
Average Snowfall ¹ (in)	0	0	0	0.5	1.8	7.6	11.6	7.3	5.2	1.2	0.3	0

Wind has significant impacts on water surface evaporation as saturated air over the water surface is constantly replaced with drier air. Hence a more succinct model of evaporation incorporating area wind speed was considered for this re-examination of evaporation basin area. A model was developed for the Bass Hill area using methodology from Shuttleworth² that accounts for wind speed, relative humidity, and solar irradiation. Shuttleworth's equation - based on the Penman Equation - takes the following form:

$$E_p = \frac{\Delta}{\Delta + \gamma} (R_n + A_h) + \frac{\gamma}{\Delta + \gamma} \frac{6.43(1 + 0.536U_2)D}{L}$$

Where,

- E_p = potential evaporation (mm/day)
- Δ = saturated vapor pressure gradient (kPa/°C) = $\frac{4098 e_s}{(237.3+T)^2}$
- e_s = saturated vapor pressure at ambient temperature T (kPa)
- γ = psychrometric constant (kPa/°C) = $0.0016286 \frac{P}{L}$
- P = air pressure (kPa)
- R_n = net solar radiation at the water surface (mm/day)
- A_h = energy advected to the water body (mm/day) (assumed at zero)
- U_2 = wind speed measured at 2 m above water surface (m/sec)
- D = vapor pressure deficit (kPa) = $e_s - e_d$ (dew point v.p.), and
- L = latent heat of water vaporization (MJ/kg) = $2.501 - 0.002361T_s$
- T_s = water surface temperature (assumed as ambient)

Climatic data as required for this equation is being monitored in Doyle by CalFire. However, inspection of the data indicated the solar radiation measurements were inconsistent as were measurements of relative humidity.

The National Renewable Energy Laboratory (NREL) maintains a solar radiation database across the country (NSRDB) which also includes values for air pressure, wind speed, ambient and dew point temperature, relative humidity in addition to solar radiation. NREL has been recording this information in the Susanville area near Leavitt Lake for 22 years. Estimates of monthly evaporation using NSRDB values and

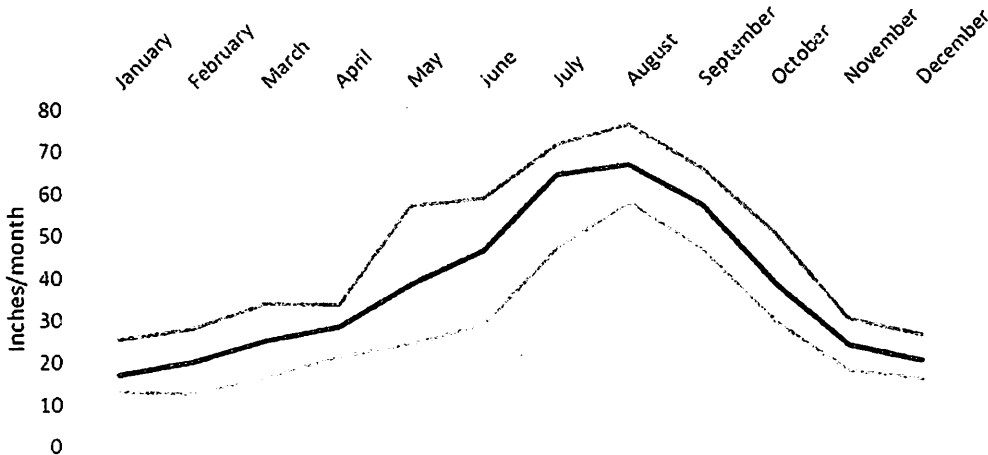
¹ Average annual precipitation from Susanville Muni AP, Western Regional Climate Center

² *Handbook of Hydrology*, David R. Maidment, Editor in Chief, Chapter 4, *Evaporation*, by W. James Shuttleworth, 1993 McGraw-Hill, Inc.

the methodology from Shuttleworth are shown in Figure 1.

Figure 1

Susanville Area Open Water Evaporation (1998 - 2019)



The pattern is as expected – low evaporation in winter, high in summer – with peak evaporation in August. The average values are shown in Table 2.

Table 2

Month	July	Aug.	Sept.	Oct.	Nov.	Dec	Jan	Feb	Mar	Apr	May	June
Average Evaporation (inch)	63.9	66.2	56.5	37.5	23.1	19.1	17.1	20.0	25.1	28.3	38.2	45.9

These evaporation estimates are significantly higher than that estimated by CIMIS. However, CIMIS is predicting cropland³ evaporation over a wide, non-contiguous area hence is overly conservative for consideration in evaporative basins at Bass Hill.

Evaporative Basin Configurations

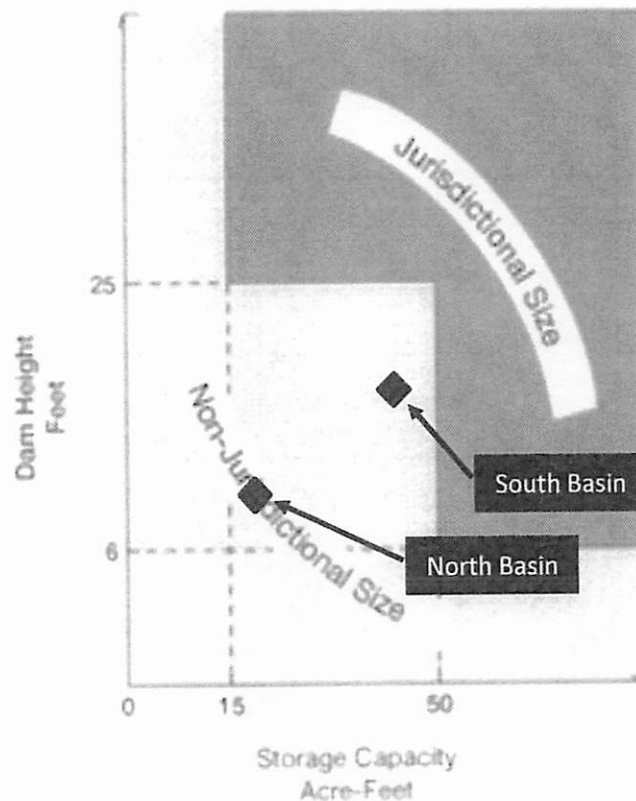
Rather than one evaporative basin east of the landfill as originally considered, the revised configuration utilizes two basins south and northeast of the landfill as shown on Drawing 1.

Landfill surface water drainage (at final grades) for Sub Basins SB-5, SB-7, 8, 9, and -10 is conveyed to the North Basin. Stormwater run-on from the southwest will have to be diverted to the north of the North Basin. The North Basin berm will rise to an elevation of 4,176 and have 18.9 ac-ft of storage capacity (Table 3). Maximum height of the basin berm will be 12.5 feet. As shown on Figure 2 the North Basin will not fall within the jurisdiction of the California Division of Safety of Dams (DSOD).

³ Hence the ground surface is protected from wind more so than open water surfaces.

Surface water run-off from Sub Basins SB-1, -2, -3, -4, and -6 are routed to the South Basin. This basin will have an overflow weir that will discharge to the Borrow Pit in “wet” seasons. An extreme season discharge weir will also be installed as a conservative measure to prevent risk of uncontrolled overtopping of the basin berm. The South Basin berm will rise to an elevation of 4,208 and have 39.4 ac-ft of storage capacity (Table 3). Maximum height of the basin berm will be 19 feet. As shown on Figure 2 the North Basin will not fall within the jurisdiction of the DSOD.

Figure 2



The existing Borrow Pit⁴ is an excavated depression hence has no berms that require examination with respect to DSOD jurisdiction. The Borrow Pit will receive stormwater run-off from the south face of Bass Hill and the landfill entrance area. In addition, the slope south of the Pit also discharges run-off to the Pit. Under current conditions, this is not an issue as excess stormwater is drained away from the Pit along the existing southern drainage channel. However, once the South Basin is built, this existing channel will be closed. Hence to avoid flooding the landfill entrance area, the upper drainage area of Bass Hill contributory to the Pit will have to be diverted as shown on Drawing 1. The southern slope above the Pit will also require diversion. As discussed

⁴ Borrow pit storage capacity has increased since the date of current topography (2017) so water storage estimates in the pit presented in this letter are conservative.

above the Borrow Pit may receive overflow discharge from the South Basin during "wet" seasons (175% of normal).

Table 3
Basin Storage Capacity

North Basin			South Basin			Borrow Pit		
Elevation (ft-MSL)	Volume (ac-ft)	Incr. Area (ac)	Elevation (ft-MSL)	Volume (ac-ft)	Incr. Area (ac)	Elevation (ft-MSL)	Volume (ac-ft)	Incr. Area (ac)
4166	0.0	0.04	4188	0.0	0.00	4193	0	0.00
4167	0.1	0.09	4190	0.0	0.03	4194	1.1	2.24
4168	0.2	0.16	4192	0.1	0.06	4196	6.1	2.71
4169	0.4	0.24	4194	0.3	0.11	4198	12.0	3.17
4170	2.0	3.02	4196	0.6	0.19	4200	19.0	3.91
4171	5.1	3.14	4198	1.8	0.99	4202	27.9	5.00
4172	8.3	3.26	4199	4.6	4.61	4204	39.9	6.96
4173	11.6	3.38	4200	9.2	4.71	4206 ⁵	55.2	8.38
4174	15.1	3.68	4201	14.0	4.82			
4175	18.9	3.81	4202	18.9	4.92			
4176	22.7	3.94	4203	23.8	5.02			
			4204	28.9	5.13			
			4205	34.1	5.23			
			4206	39.4	5.34			

Basin Hydraulics

Run-off volumes from the Bass Hill Landfill will be highest at its closure considering the proposed use of ClosureTurf as the final cover system. Hence stormwater flow and volume estimates were calculated using the runoff coefficient advised by the manufacturer – 0.67. As shown on Drawing 1, the closed landfill surface was divided into 10 sub-basins. Sub basin size and design storm run-off estimates are presented in Table 4.

Water balances for all three stormwater run-off storage basins are shown on Tables 5, 6, and 7. The North Basin water balance shows the basin will never discharge under normal season conditions including a 100-year, 24-hour storm event, nor during a Wet Season⁶.

The South Basin will contain a normal season run-off plus a 100-year, 24-hour event. However, a Wet Season will result in approximately 2.46 ac-ft of discharge into the Borrow Pit. The Borrow Pit will absorb that Wet Discharge from the South Basin with some potential flooding towards the site's entrance facilities. This, however, would occur after the site is fully closed with a ClosureTurf final cover system. Surface water

⁵ Entrance area flooding will occur with a water surface elevation of 4206 in the Borrow Pit on current (2017) topography.

⁶ 175% of normal

run-off from ClosureTurf is significantly higher than from bare soil or vegetated surfaces hence is the worst-case scenario.

Table 4
Bass Hill Landfill Drainage Basin Characteristics
 (including Extreme Storm Event Analysis)

Drainage Area	Area (ft²)	Area (Acre)	Runoff Coefficient	24-Hour, 25-Year Storm Runoff (acre-ft)	24-Hour, 100-Year Storm Runoff (acre-ft)
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Sub Basins Discharging to North Evaporation Basin

SB 5	49,251	1.13	0.67	0.24	0.31
SB 7	61,371	1.41	0.67	0.30	0.39
SB 8	87,143	2.00	0.67	0.42	0.55
SB 9	42,065	0.97	0.67	0.20	0.27
SB 10	223,596	5.13	0.60	0.97	1.27
SB 11	141,169	3.24	0.35	0.36	0.47
Basin	223,504	5.13	1.00	1.62	2.11
Totals		19.01		4.11	5.35

Sub Basins Discharging to South Evaporation Basin

SB 1	253,950	5.83	0.67	1.23	1.60
SB 2	81,803	1.88	0.67	0.40	0.52
SB 3	87,373	2.01	0.67	0.42	0.55
SB 4	127,171	2.92	0.67	0.62	0.80
SB 4a	90,341	2.07	0.67	0.44	0.57
SB 4b	21,787	0.50	0.67	0.11	0.14
SB 6	245,076	5.63	0.67	1.19	1.55
Basin	241,791	5.55	1.00	1.75	2.28
Totals		26.38		6.15	8.01

Sub Basins Discharging to Borrow Pit

Bass Hill	746,901	17.15	0.35	1.89	2.47
Borrow Pit	657,767	15.10	0.35	1.66	2.17

An additional operational life assumption shown on Table 7 is that 5 ac-ft of Borrow Pit water will be pumped into the South Basin in March and April of each year (except during Wet Seasons) to allow soil borrow operations in the Pit through the summer and fall months. Cessation of the pumping operation in the Borrow Pit water balance still showed the pit area would dry sufficiently to accommodate the next season run-off during the site's post-closure period.

Basin Construction

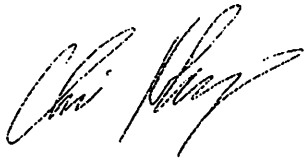
The proposed basins construction will require excavation of approximately 74,430 cy of the site's rocky clay and silt soil. Of that cut, 40,960 cy will be excavated in the South Basin footprint to a maximum depth of approximately 11.5 feet. The North Basin will require 33,470 cy of cut to a maximum depth of approximately 13.5 feet. That may present some difficulties given the rocky nature of the site soils and the North Basin is located in an already disturbed area.

Fill quantities for the basins (including a 10% shrinkage factor) is approximately 55,000 cy meaning roughly 20,000 cy of surplus soil will be available for the landfill's daily cover operations. Finer grain soils should be separated out and used on berm interior faces to impede water infiltration into the berm. Use of underdrains at the base of berms should be used to prevent water seepage on the outside face of the berms.

The proposed basin design as discussed above, is intended to provide zero discharge for minimal impact to the surrounding environment except in the extremist of seasons, or those seasons with precipitation 175% of normal which are rare.

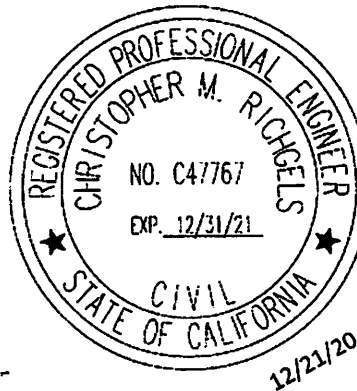
If you have any questions regarding this matter, please contact the undersigned.

Sincerely,
Aptim Environmental and Infrastructure



Christopher M. Richgels, P.E.

☎ (916) 218-8375
✉ christopher.richgels@aptim.com



- Enc.: **Table 5:** **North Basin Water Balance**
 Table 6: **South Basin Water Balance**
 Table 7: **Borrow Pit Water Balance**
 Drawing 1: **Site Plan**

Table 5: North Basin Water Balance: Average Annual plus 100-Year Event with "Wet Season" in Year 2

Month	Average Rainfall ¹ (inch)	Average Snowfall ¹ (inch)	DP-9 Runoff (acre-ft)	Basin Rainfall (acre-ft)	Monthly Runoff (acre-ft)	Evap. (inch) ²	Basin Discharge (acre-ft)	Year 1 Basin Surface Area (acre) ³	Year 1 Evaporation (acre-ft)	Year 1 Monthly Inflow Balance (acre-ft) ⁴	Year 1 Cumulative Balance (ac-ft)
July	0.23	0	0.15	0.10	0.25	-31.93	0.00	0.00	0.00	0.25	0.25
August	0.17	0	0.11	0.07	0.18	-33.11	0.00	0.16	-0.45	-0.26	0.00
September	0.46	0	0.30	0.20	0.50	-28.25	0.00	0.04	-0.08	0.42	0.42
October	1.05	0.5	0.82	0.53	1.36	-18.73	0.00	0.24	-0.37	0.99	1.40
November	1.61	1.8	1.53	1.00	2.53	-11.57	0.00	0.24	-0.23	2.30	3.70
December	2.6	7.6	3.71	2.41	6.13	-9.57	0.00	3.02	-2.41	3.72	7.42
January	2.96	11.6	5.01	3.25	8.25	-8.57	0.00	3.14	-2.24	6.01	13.44
February	2.12	7.3	3.32	2.15	5.47	-9.99	0.00	3.38	-2.81	2.66	16.10
100-Year ⁵					5.35						
March	1.73	5.2	2.51	1.63	4.14	-12.56	0.00	3.68	-3.85	5.64	21.74
April	0.79	1.2	0.84	0.54	1.38	-14.13	0.00	3.81	-4.48	-3.10	18.63
May	0.77	0.3	0.59	0.38	0.97	-19.10	0.00	3.68	-5.86	-4.89	13.74
June	0.55	0	0.36	0.24	0.60	-22.93	0.00	3.38	-6.45	-5.86	7.89

¹ Average annual precipitation from Susanville Muni AP, Western Regional Climate Center

² From Shuttleworth Methodology and reduced by a Factor of Safety of 2.

³ Basin surface area calculated from Table 3

⁴ Basin inflow estimated from current month's monthly runoff, less Basin Discharge and Evaporation.

⁵ Assume 100-Year event occurs by end of March (Year 1 only).

⁶ Year 2 uses Wet Season (175% normal) to calculate Monthly Runoff

Table 5: Cont.

Month	Basin Discharge (acre-ft)	Year 2 Basin Surface Area (acre) ³	Year 2 Evaporation (acre-ft) ⁴	Year 2 Monthly Inflow Balance (acre-ft) ⁴	Year 2 Cumulative Balance (acre-ft)	Basin Discharge (acre-ft)	Year 3 Basin Surface Area (acre) ³	Year 3 Evaporation (acre-ft) ⁴	Year 3 Monthly Inflow Balance (acre-ft)	Year 3 Cumulative Balance (acre-ft)
July	0.00	3.14	-8.34	-8.07	0.00	0.00	3.14	-8.34	-8.09	0.00
August	0.00	0.04	-0.10	0.11	0.11	0.00	0.04	-0.10	0.09	0.09
September	0.00	0.09	-0.22	0.33	0.44	0.00	0.09	-0.22	0.28	0.37
October	0.00	0.24	-0.37	1.12	1.56	0.00	0.16	-0.25	1.11	1.47
November	0.00	0.24	-0.23	2.56	4.12	0.00	0.24	-0.23	2.30	3.78
December	0.00	3.02	-2.41	4.35	8.47	0.00	3.02	-2.41	3.72	7.49
January	0.00	3.26	-2.33	6.77	15.24	0.00	3.14	-2.24	6.01	13.51
February	0.00	3.68	-3.07	2.97	18.21	0.00	3.38	-2.81	2.66	16.17
100-Year ⁵										
March	0.00	3.68	-3.85	0.71	18.92	0.00	3.68	-3.85	0.29	16.46
April	0.00	3.81	-4.48	-2.96	15.96	0.00	3.68	-4.33	-2.95	13.50
May	0.00	3.68	-5.86	-4.79	11.17	0.00	3.38	-5.37	-4.41	9.09
June	0.00	3.26	-6.22	-5.56	5.61	0.00	3.26	-6.22	-5.62	3.47

Table 5: Cont.

Month	Year 4 Basin Surface Area (acre) ³	Year 4 Evaporation (acre-ft) ⁴	Year 4 Monthly Inflow Balance (acre-ft)	Year 4 Cumulative Balance (acre-ft)	Year 5 Basin Surface Area (acre) ³	Year 5 Evaporation (acre-ft) ⁴	Year 5 Monthly Inflow Balance (acre-ft)	Year 5 Cumulative Balance (acre-ft)
July	3.02	-8.03	-7.78	0.00	3.02	-8.03	-7.78	0.00
August	0.04	-0.10	0.09	0.09	0.04	-0.10	0.09	0.09
September	0.09	-0.22	0.28	0.37	0.09	-0.22	0.28	0.37
October	0.16	-0.25	1.11	1.47	0.16	-0.25	1.11	1.47
November	0.24	-0.23	2.30	3.78	0.24	-0.23	2.30	3.78
December	3.02	-2.41	3.72	7.49	3.02	-2.41	3.72	7.49
January	3.14	-2.24	6.01	13.51	3.14	-2.24	6.01	13.51
February	3.38	-2.81	2.66	16.17	3.38	-2.81	2.66	16.17
100-Year ⁵								
March	3.68	-3.85	0.29	16.46	3.68	-3.85	0.29	16.46
April	3.68	-4.33	-2.95	13.50	3.68	-4.33	-2.95	13.50
May	3.38	-5.37	-4.41	9.09	3.38	-5.37	-4.41	9.09
June	3.26	-6.22	-5.62	3.47	3.26	-6.22	-5.62	3.47

Table 6: South North Basin Water Balance: Average Annual plus 100-Year Event with "Wet Season" in Year 2

Month	Average Rainfall ¹ (inch)	Average Snowfall ¹ (inch)	DP-5 Runoff (acre-ft)	Basin Rainfall (acre-ft)	Monthly Runoff (acre-ft)	Evap. (inch) ²	Inflow from Borrow pit (ac-ft)	Basin Discharge (acre-ft)	Year 1 Basin Surface Area (acre) ³	Year 1 Evap. (acre-ft)	Year 1 Monthly Inflow Balance (acre-ft) ⁴	Year 1 Cumulative Balance (ac-ft)
July	0.23	0	0.27	0.11	0.37	-31.93	0.00	0.00	0.00	-0.01	0.37	0.37
August	0.17	0	0.14	0.08	0.22	-33.11	0.00	0.00	0.11	-0.30	-0.08	0.29
September	0.46	0	0.39	0.21	0.60	-28.25	0.00	0.00	0.06	-0.15	0.46	0.74
October	1.05	0.5	1.06	0.58	1.64	-18.73	0.00	0.00	0.19	-0.30	1.34	2.08
November	1.61	1.8	1.98	1.08	3.06	-11.57	0.00	0.00	0.99	-0.95	2.10	4.19
December	2.6	7.6	4.79	2.61	7.40	-9.57	0.00	0.00	0.99	-0.79	6.61	10.80
January	2.96	11.6	6.45	3.52	9.97	-8.57	0.00	0.00	4.71	-3.37	6.60	17.40
February	2.12	7.3	4.28	2.33	6.61	-9.99	0.00	0.00	4.82	-4.01	2.60	20.00
100-Year ⁵					8.01							
March	1.73	5.2	3.23	1.76	5.00	-12.56	5.00	0.00	4.92	-5.15	12.86	32.86
April	0.79	1.2	1.08	0.59	1.67	-14.13	5.00	0.00	5.13	-6.04	0.63	33.49
May	0.77	0.3	0.76	0.41	1.17	-19.10	0.00	0.00	5.13	-8.16	-6.99	26.50
June	0.55	0	0.47	0.25	0.72	-22.93	0.00	0.00	5.02	-9.60	-8.88	17.62

¹ Average annual precipitation from Susanville Muni AP, Western Regional Climate Center

² From Shuttleworth Methodology and reduced by a Factor of Safety of 2.

³ Basin surface area calculated from Table 3

⁴ Basin inflow estimated from current month's monthly runoff, less Basin Discharge and Evaporation.

⁵ Assume 100-Year event occurs by end of March (Year 1 only).

⁶ Year 2 uses Wet Season (175% normal) to calculate Monthly Runoff

Table 6: Cont.

Month	Basin Discharge (acre-ft)	Year 2 Basin Surface Area (acre) ³	Year 2 Evaporation (acre-ft) ⁴	Year 2 Monthly Inflow Balance (acre-ft)	Year 2 Cumulative Balance (acre-ft)	Basin Discharge (acre-ft)	Year 3 Basin Surface Area (acre) ³	Year 3 Evaporation (acre-ft) ⁴	Year 3 Monthly Inflow Balance (acre-ft)	Year 3 Cumulative Balance (acre-ft)
July	0.00	4.82	-12.81	-12.29	5.33	0.00	4.92	-13.09	-12.71	10.95
August	0.00	4.61	-12.73	-12.34	0.00	0.00	4.71	-13.01	-12.78	0.00
September	0.00	0.00	-0.01	1.05	1.05	0.00	0.00	-0.01	0.60	0.60
October	0.00	0.19	-0.30	2.57	3.62	0.00	0.11	-0.17	1.47	2.06
November	0.00	0.99	-0.95	4.40	8.02	0.00	0.99	-0.95	2.10	4.17
December	0.00	4.61	-3.68	9.27	17.28	0.00	0.99	-0.79	6.61	10.78
January	0.00	4.82	-3.44	14.00	31.29	0.00	4.71	-3.37	6.60	17.38
February	0.00	5.13	-4.27	7.30	38.59	0.00	4.82	-4.01	2.60	19.98
100-Year ⁵										
March	0.00	5.23	-5.48	3.27	41.85	0.00	4.92	-5.15	4.85	24.83
April	2.46	5.34	-6.28	-3.37	38.48	0.00	5.02	-5.91	0.75	25.58
May	0.00	5.23	-8.33	-6.28	32.20	0.00	5.02	-7.99	-6.83	18.75
June	0.00	5.13	-9.80	-8.53	23.66	0.00	4.82	-9.20	-8.48	10.27

Table 6: Cont.

Month	Basin Discharge (acre-ft)	Year 4 Basin Surface Area (acre) ³	Year 4 Evaporation (acre-ft) ⁴	Year 4 Monthly Inflow Balance (acre-ft)	Year 4 Cumulative Balance (acre-ft)	Year 5 Basin Surface Area (acre) ³	Year 5 Evaporation (acre-ft) ⁴	Year 5 Monthly Inflow Balance (acre-ft)	Year 5 Cumulative Balance (acre-ft)
July	0.00	4.71	-12.54	-12.17	0.00	4.71	-12.54	-12.17	0.00
August	0.00	0.00	-0.01	0.21	0.21	0.00	-0.01	0.21	0.21
September	0.00	0.06	-0.15	0.46	0.67	0.06	-0.15	0.46	0.67
October	0.00	0.19	-0.30	1.34	2.01	0.19	-0.30	1.34	2.01
November	0.00	0.99	-0.95	2.10	4.11	0.99	-0.95	2.10	4.11
December	0.00	0.99	-0.79	6.61	10.72	0.99	-0.79	6.61	10.72
January	0.00	4.71	-3.37	6.60	17.33	4.71	-3.37	6.60	17.33
February	0.00	4.82	-4.01	2.60	19.93	4.82	-4.01	2.60	19.93
100-Year ⁵									
March	0.00	4.92	-5.15	4.85	24.77	4.92	-5.15	4.85	24.77
April	0.00	5.02	-5.91	0.75	25.52	5.02	-5.91	0.75	25.52
May	0.00	5.02	-7.99	-6.83	18.70	5.02	-7.99	-6.83	18.70
June	0.00	4.82	-9.20	-8.48	10.22	4.82	-9.20	-8.48	10.22

Table 7 Borrow Pit Water Balance: Average Annual plus 100-Year Event with "Wet Season" in Year 2

Month	Average Rainfall ¹ (inch)	Average Snowfall ¹ (inch)	Borrow Pit Runoff (acre-ft)	Monthly Runoff (acre-ft)	Evap. (inch) ²	Basin Discharge (acre-ft) ⁷	Year 1 Basin Surface Area (acre) ³	Year 1 Evaporation (acre-ft)	Year 1 Monthly Inflow Balance (acre-ft) ⁴	Year 1 Cumulative Balance (ac-ft)
July	0.23	0	0.22	0.22	-31.93	0.00	0.00	0.00	0.22	0.22
August	0.17	0	0.16	0.16	-33.11	0.00	0.00	0.00	0.16	0.38
September	0.46	0	0.43	0.43	-28.25	0.00	0.00	0.00	0.43	0.81
October	1.05	0.5	1.18	1.18	-18.73	0.00	0.00	0.00	1.18	1.98
November	1.61	1.8	2.19	2.19	-11.57	0.00	2.24	-2.16	0.03	2.02
December	2.6	7.6	5.30	5.30	-9.57	0.00	2.24	-1.78	3.52	5.54
January	2.96	11.6	7.15	7.15	-8.57	0.00	2.24	-1.60	5.55	11.09
February	2.12	7.3	4.74	4.74	-9.99	0.00	2.71	-2.26	2.48	13.57
100-Year ⁵				4.64						
March	1.73	5.2	3.58	3.58	-12.56	5.00	3.17	-3.32	-0.10	13.47
April	0.79	1.2	1.19	1.19	-14.13	5.00	3.17	-3.73	-7.54	5.93
May	0.77	0.3	0.84	0.84	-19.10	0.00	2.24	-3.56	-2.72	3.21
June	0.55	0	0.52	0.52	-22.93	0.00	2.24	-4.28	-3.76	0.00

¹ Average annual precipitation from Susanville Muni AP, Western Regional Climate Center

² From Shuttleworth Methodology and reduced by a Factor of Safety of 2.

³ Basin surface area calculated from Table 3

⁴ Basin inflow estimated from current month's monthly runoff, less Basin Discharge and Evaporation.

⁵ Assume 100-Year event occurs by end of March (Year 1 only).

⁶ Year 2 uses Wet Season (175% normal) to calculate Monthly Runoff. Inflow includes 2.46 ac-ft overflow from South Basin.

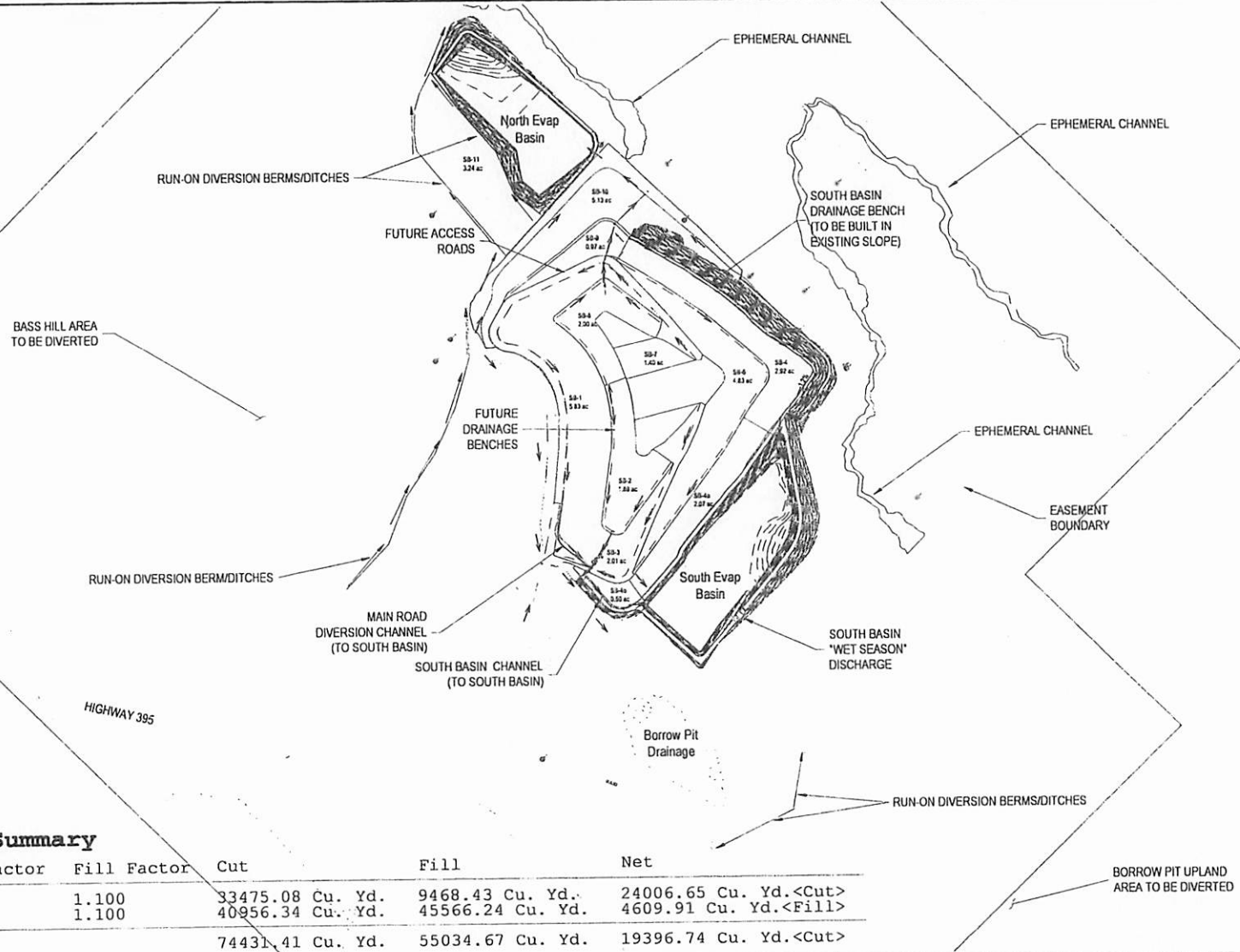
⁷ Pumping to South Basin during landfill operational life. Year 2 assumes no pumping occurs hence demonstrating Borrow Pit evaporation will continue to manage water levels after site enters Postclosure.

Table 7 Cont.

Month	Basin Discharge (acre-ft)	Year 2 Basin Surface Area (acre) ³	Year 2 Evaporation (acre-ft)	Year 2 Monthly Inflow Balance (acre-ft)	Year 2 Cumulative Balance (acre-ft)	Basin Discharge (acre-ft)	Year 3 Basin Surface Area (acre) ³	Year 3 Evaporation (acre-ft) ⁴	Year 3 Monthly Inflow Balance (acre-ft)	Year 3 Cumulative Balance (acre-ft)
July	0.00	0.00	0.00	0.38	0.38	0.00	3.17	-8.43	-8.22	8.26
August	0.00	0.00	0.00	0.28	0.66	0.00	2.71	-7.49	-7.33	0.93
September	0.00	0.00	0.00	0.76	1.42	0.00	0.00	0.00	0.43	1.36
October	0.00	2.24	-3.49	-1.44	0.00	0.00	2.24	-3.49	-2.32	0.00
November	0.00	0.00	0.00	3.83	3.83	0.00	0.00	0.00	2.19	2.19
December	0.00	2.24	-1.78	7.50	11.33	0.00	2.24	-1.78	3.52	5.71
January	0.00	2.71	-1.94	10.57	21.90	0.00	2.24	-1.60	5.55	11.26
February	0.00	3.91	-3.26	5.04	26.94	0.00	2.71	-2.26	2.48	13.74
100-Year ⁵										
March	0.00	3.91	-4.09	2.18	29.12	5.00	3.17	-3.32	-4.73	9.01
April	0.00	5.00	-5.88	-1.33	27.79	5.00	2.71	-3.19	-7.00	2.01
May	0.00	3.91	-6.22	-4.76	23.04	0.00	2.24	-3.56	-2.72	0.00
June	0.00	3.91	-7.47	-6.56	16.47	0.00	0.00	0.00	0.52	0.52

Table 7 Cont.

Month	Year 4 Basin Surface Area (acre) ³	Year 4 Evaporation (acre-ft) ⁴	Year 4 Monthly Inflow Balance (acre-ft)	Year 4 Cumulative Balance (acre-ft)	Year 5 Basin Surface Area (acre) ³	Year 5 Evaporation (acre-ft) ⁴	Year 5 Monthly Inflow Balance (acre-ft)	Year 5 Cumulative Balance (acre-ft)
July	0.00	0.00	0.22	0.22	0.00	0.00	0.22	0.22
August	0.00	0.00	0.16	0.38	0.00	0.00	0.16	0.38
September	0.00	0.00	0.43	0.81	0.00	0.00	0.43	0.81
October	0.00	0.00	1.18	1.98	0.00	0.00	1.18	1.98
November	2.24	-2.16	0.03	2.02	2.24	-2.16	0.03	2.02
December	2.24	-1.78	3.52	5.54	2.24	-1.78	3.52	5.54
January	2.24	-1.60	5.55	11.09	2.24	-1.60	5.55	11.09
February	2.71	-2.26	2.48	13.57	2.71	-2.26	2.48	13.57
100-Year ⁵								
March	3.17	-3.32	-4.73	8.83	3.17	-3.32	-4.73	8.83
April	2.71	-3.19	-7.00	1.84	2.71	-3.19	-7.00	1.84
May	2.24	-3.56	-2.72	0.00	2.24	-3.56	-2.72	0.00
June	0.00	0.00	0.52	0.52	0.00	0.00	0.52	0.52



Cut/Fill Summary

Name	Cut Factor	Fill Factor	Cut	Fill	Net
NEB EW	1.000	1.100	33475.08 Cu. Yd.	9468.43 Cu. Yd.	24006.65 Cu. Yd.<Cut>
SEB Vol	1.000	1.100	40956.34 Cu. Yd.	45566.24 Cu. Yd.	4609.91 Cu. Yd.<Fill>
Totals			74431.41 Cu. Yd.	55034.67 Cu. Yd.	19396.74 Cu. Yd.<Cut>

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DESIGNED BY / DATE
 DRAWN BY / DATE
 CHECKED BY / DATE
 REVISIONS

NO.	REVISION	DATE	BY	CHK'D	DESCRIPTION/ISSUE
1	ISSUED FOR PERMITS				REVISED EVAPORATION BASINS

BASS HILL LANDFILL DRAINAGE CONTROL PROJECT
 488-100 JOHNSTONVILLE DAMP ROAD FHWY 395
BASS HILL LANDFILL SURFACE WATER MANAGEMENT EVAPORATIVE BASINS
SITE PLAN
 DATE: 10/15/20
 SCALE: 1" = 200'
 PROJECT NO: 631004646
 DRAWING NO: 1