

**RECLAMATION DISTRICT NO. 1608
LINCOLN VILLAGE WEST
BOARD OF TRUSTEES MEETING
WEDNESDAY, JULY 3, 2019
8:00 A.M.
ENGINEER'S REPORT**

I. PLAN REVIEW

- A. Review status of Annual Levee Inspection of the District's Levee system.

EXHIBIT A: Violation/Remedy Tracking for 2019 Inspection

- B. Review proposal to notice mid-year all the levee lot owners about the need to maintain their vegetative growth along the levee to provide the District personnel inspectability during high water inspections

EXHIBIT B: Sample correspondence from KSN Inc. along with sample photos of before and after vegetation clearing for inspectability sake

II. FEMA MAPPING STATUS

- A. Review progress of LOMA application relative to the District's interior lake drainage system.

EXHIBIT C: KSN Inc. LOMA status summary dated June 20, 2019.

III. SEDIMENT REMOVAL PROJECT

- A. Review progress of permitting process with the Board of Trustees.

EXHIBIT D: KSN Inc. Summary of work activities associated with the sediment removal project dated June 20, 2019.

EXHIBIT E: KSN Inc. LOMA -Solano Archaeologist Services (SAS), Scope of Work and fee for Section 106 Compliance.

Exhibit A

Lincoln Village West Violation/Remedy Tracking 2019

Address	Homeowner	Violation Type	Violation Notice Sent	Homeowner Response Date (required within 7 days) Phone	Homeowner Response Date (required within 7 days) Written	Home Owners Second Notice	Remedy Completion Date
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Northeast Quadrant Violations

7050 Bridgeport Circle	Todd & Anna Bowman	vegetation	3/29/2019	5/23/2019			
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NOTES:
 Dense vegetation exists on the existing chain link fence and trimming within two feet of the ground is required in order to see toe. Nothing changed since last inspection, 2016 Correspondence on record for the same violation.

5/23/19 WLF spoke with Joe Bryson and Bowman is working on clearing vegetation.

7056 Bridgeport Circle	Anthony & Candace Lomax	vegetation	3/29/2019				5/23/2019
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NOTES:
 Dense hedge in lieu of fence line prevents inspection of the levee toe - no change since last inspection, No record of written correspondence from last year, but correspondence of an unspecified violation exists from 2016 inspection.

4/8/19 WLF spoke with Mr. Lomax and he said he has trimmed vegetation to standard. He would like an inspection asap before it grows back and I explained that it was to be maintained at all times to the 2' off the ground standard.

5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Lomax's property and it was in compliance.

3603 Stone River Circle	Luis & Alicia Bustamante	vegetation	3/29/2019				5/23/2019
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NOTES:
 Landside levee slope outside of fence is covered in dense vegetation. Last year, homeowner was approved to clear vegetation in 45-degree angles on landside slope but the vegetation was not cleared to the root and it quickly grew back. The same clearing orientation can be used again this year but homeowner must remove vegetation roots to prevent rapid regrowth.

5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Bustamante's property and it was in compliance.

Southwest Quadrant Violations

6347 Embarcadero Drive	Charles & Farley Staniec	vegetation + encroachment	3/29/2019	5/23/2019			
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NOTES:
 Vegetation clearing required on waterside slope - no change since last inspection. Vegetation along landside slope (western portion of property) was trimmed last year but has grown back to over 24-inches in height and is dense. Also, dilapidated wooden structure on east waterside slope, light poles do not have an encroachment permit on file. Dilapidated wooden structure can probably be removed.

4/8/19 CHN spoke with Chuck Staniec and discussed conducting an inspection of his lot at 6347 Embarcadero Drive. Mr. Staniec indicated that he is still travelling to Dublin for his Auto repair business but gets home at 5:30 most evenings. I indicated that I would organize an inspection in the next couple of weeks and give him a call 916-233-8181.

5/23/19 WLF spoke with Joe Bryson and he stated that Staniec has hired a few of Joe Bryson's guys to clear the vegetation and bring property to District standard. Will start clearing on 6/1/19.

6333 Embarcadero Drive	Michael & Krystle Balduzzi	vegetation	3/29/2019	5/23/2019			
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NOTES:
 Vegetation clearing required on eastern 50% of waterside slope where dense Blackberry patch is located. The blackberry bushes are extremely dense and well over three feet high, allowing no visual of the waterside slope in the vicinity of the bushes.

5/23/19 WLF spoke with Joe Bryson and he stated that Balduzzi is working on the vegetation clearing and will follow up in week.

6249 Embarcadero Drive	Roger & Linda Fisher	vegetation	3/29/2019	4/3/19 Phone Call			5/23/2019
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NOTES:
 Vegetation clearing required on landside levee slope, as it is too dense to see any underlying slope. An example of how to trim is in the homeowner's violation letter package for 2019.

4/3/19 CHN spoke with Joe Bryson who is in contact with Roger Fisher. Mr. Fisher was seeking advice as to whether the vegetation free zone below his deck ramp out to the landside slope was able to be considered as a cleared area. I suggested that it was too difficult for us to see under the access ramp and that he needed to clear his ivy accordingly with the two (2') foot strip every fifteen (15') feet. On Thursday, April 4, 2109 KSN Inc. attn to CHN, received a letter from the Fishers confirming their intent to clear the necessary vegetation by June 30, 2019

5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Fisher's property and it was in compliance. AJL added follow-up photo's of vegetation clearing to Fisher's file.

6231 Embarcadero Drive	G. Zehender	vegetation	3/29/2019	5/23/2019			
<p>NOTES: Vegetation on waterside slope requires thinning in order to be able to see the actual slope. Two-foot cleared swaths every fifteen feet is the acceptable standard.</p> <p><u>5/23/19 WLF spoke with</u> Joe Bryson, property is a rental property. Got Zehender's physical address from Joe Bryson and sent him encroachment violation notice 5/31/19.</p> <p><u>6/4/19 CHN spoke with</u> George Zehender. George indicated that he felt he had been cooperative in past years to clean up the previous years violations and complimented him on the same. As for the WSS "ice plant type" ground cover he said that he was going to work with his landscaper and Joe Bryson to come up with a clearing of the ground cover to provide adequate clearing for inspectability purposes. We also discussed the alternative of removing all of the vegetation and having the District place the 2" gravel on the waterside slope as an option. George said that he will give consideration to these options and get back to me shortly.</p>							
3876 Fourteen Mile Drive	Charles & Linda Dorman	vegetation	3/29/2019	5/23/2019			6/4/2019
<p>NOTES: Vegetation on landside slope requires clearing in order to see the slope during an inspection. A multitude of trees and shrubs cover the landside slope and a little thinning would do wonders for inspectability.</p> <p><u>5/24/19 WLF spoke with</u> Joe Bryson, Dorman just got back from a 2 month vacation and will start the vegetation clearing.</p> <p><u>6/4/219 WLF spoke with</u> Joe Byrson and he inspected vegetations clearing of Dorman's property and it was in compliance.</p>							
3872 Fourteen Mile Drive	Herbert & Judy Hemington	vegetation	3/29/2019	4/1/19 Phone Call			
<p>NOTES: Vegetation (dense shrubbery) on landside slope requires clearing areas to District standards in order to allow visual inspection from levee crown.</p> <p><u>4/1/19 CHN spoke with Mr. & Mrs. Hemington.</u> They both indicated that they will comply with the vegetation clearing. Thee Hemington's sought clarification on the listed encroachments to make certain that all the encroachments listed on the Property Inspection form were permitted and CHN confirmed in fact they were. The Inspection report noted that the encroachments were approved in 1984 but the Hemmington's were initially a little shocked thinking for some reason that KSN was indicating otherwise. I let them know we appreciated their prompt response and said that we would conduct a reinspection in about 45 days to confirm their vegetation clean-up. If they finish earlier they will call KSN.</p>							
3620 Fourteen Mile Drive	Darin & Man Wai Nakamura	vegetation	5/9/2019	5/23/2019			6/4/2019
<p>NOTES: Vegetation (dense shrubbery) on landside slope requires clearing areas to District standards in order to allow visual inspection from levee crown.</p> <p><u>5/23/19 WLF spoke with</u> Joe Bryson and he spoke with Nakamura and they are working on the clearing the overgrown vegetation.</p> <p><u>6/4/219 WLF spoke with</u> Joe Byrson and he inspected vegetations clearing of Nakamura's property and it was in compliance.</p>							

3730 Fourteen Mile Drive	Larry & Renata Mamaril	vegetation + encroachment	5/9/2019	5/23/2019			
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NOTES:
 Vegetation (dense shrubbery) on landside slope requires clearing areas to District standards in order to allow visual inspection from levee crown. Piles of debris and misc. material along landside levee slope.
5/23/19 WLF spoke with Joe Bryson and he spoke with Mamaril and they are working on the clearing the vegetation and debri.

Northwest Quadrant Violations

3757 Hatchers Circle	Gregory & Nancy Smith	dense untrimmed vegetation	3/29/2019	4/3/19 Phone Call			5/23/2019
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NOTES:
 Upper landside slope requires vegetation trimming to view slope. It is mainly shrubs less than or equal to two feet in height, with the occasional tree requiring trimming of all branches within five feet of the ground. The occasional Nothing changed since last inspection,
4/3/19 WLF - Spoke to Mr. Smith and he agreed to trim up all vegetation best to his understanding of what is being asked. Told him he could talk to J Bryson or call us if he had additional questions on what was to be done .
5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Smith's property and it was in compliance.

3789 Ft Donelson Drive	Lauma Maier	vegetation	3/29/2019				5/23/2019
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NOTES:
 Fence line vegetation requires trimming of the dense hedgerow up to 2' vertical from ground to view levee toe.
4/11/19 NCL spoke with - Louma Maier called this afternoon in response to a letter she received regarding a hedge on the levee. The hedge has been trimmed off the ground on her property and the neighbors (name of Randrup). If you need to ask her any questions she can be reached at 209-481-3776.
5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Maier's property and it was in compliance.

4173 Ft Donelson Drive	Stephen & Kathy Jackson	vegetation	3/29/2019				5/23/2019
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NOTES:
 Fence line vegetation requires trimming 2' vertical from ground to view levee toe - no change since last inspection
5/23/19 WLF spoke with Joe Bryson and he inspected vegetations clearing of Jackson's property and it was in compliance.

Exhibit B



Stephen K. Sinnock, P.E.
Christopher H. Neudeck, P.E.
Neal T. Colwell, P.E.
Barry O'Regan, P.E.

June 5, 2019

2153-0110

MAIL MERGE



**Re: Reclamation District No. 1608 – Lincoln Village West District, Year-Round
Levee Encroachments and Vegetation Maintenance Requirements REMINDER
in order for Homeowners along the Districts levees to Avoid Violations of Levee
Encroachment Standards**

Dear MAIL MERGE,

Periodically throughout the year, the District's Engineer, KSN, Inc., perform inspections of the District Levee. The most recent inspection was conducted this past February 2019. These inspections of the District levees and those residential lots along the levees are performed to ensure compliance with the District Standards so that Reclamation District 1608 (RD 1608) may more efficiently protect your homes and inspect its levee in emergency situations such as high-water events. The District Standards were adopted to establish guidelines for homeowners residing along the levee to follow in order to ensure all possible preventative measures are taken to maximize the District's flood protection and inspectability.

Of all the District Encroachment Standards, vegetation violations are the most frequent. Several homeowners have received one or more of these violations in recent months and years and this letter is a friendly reminder to All Levee Residences along the District's Levee to maintain the allowable vegetation growth year-round, as set forth in RD 1608's Levee Encroachment Standards. Maintenance of vegetation per District Standards is vital, as it enables District Personnel to view the conditions of the levee and identify problems such as cracking, boils, and seepage immediately and to coordinate the requisite repair in a timely manner. Overgrown brush and dense vegetation on the levee slopes puts the homeowner at risk by hindering the ability of District personnel to view any such potential problems.

As it is important that all violations of District Standards be addressed immediately, ongoing violations will be reported to the District Board and could lead to subsequent legal action in the future, as set forth in the District Standards. The RD 1608 Board meets the first Wednesday of the month at 8:00 am at the District attorney's office, Neumiller & Beardslee, located at 3121 March Lane and your participation is greatly encouraged **RD 1608 Levee Encroachment Standards can be found at www.RD1608.com.**

If you have any questions, please contact the undersigned @ (209) 946-0268 or cneudeck@ksninc.com. Additionally, a standard visual guide of typical vegetation thinning guidelines and photos is provided with this letter.

Sincerely,
KJELDSSEN, SINNOCK & NEUDECK, INC.

Christopher H. Neudeck, P.E.
RD 1608 - District Engineer



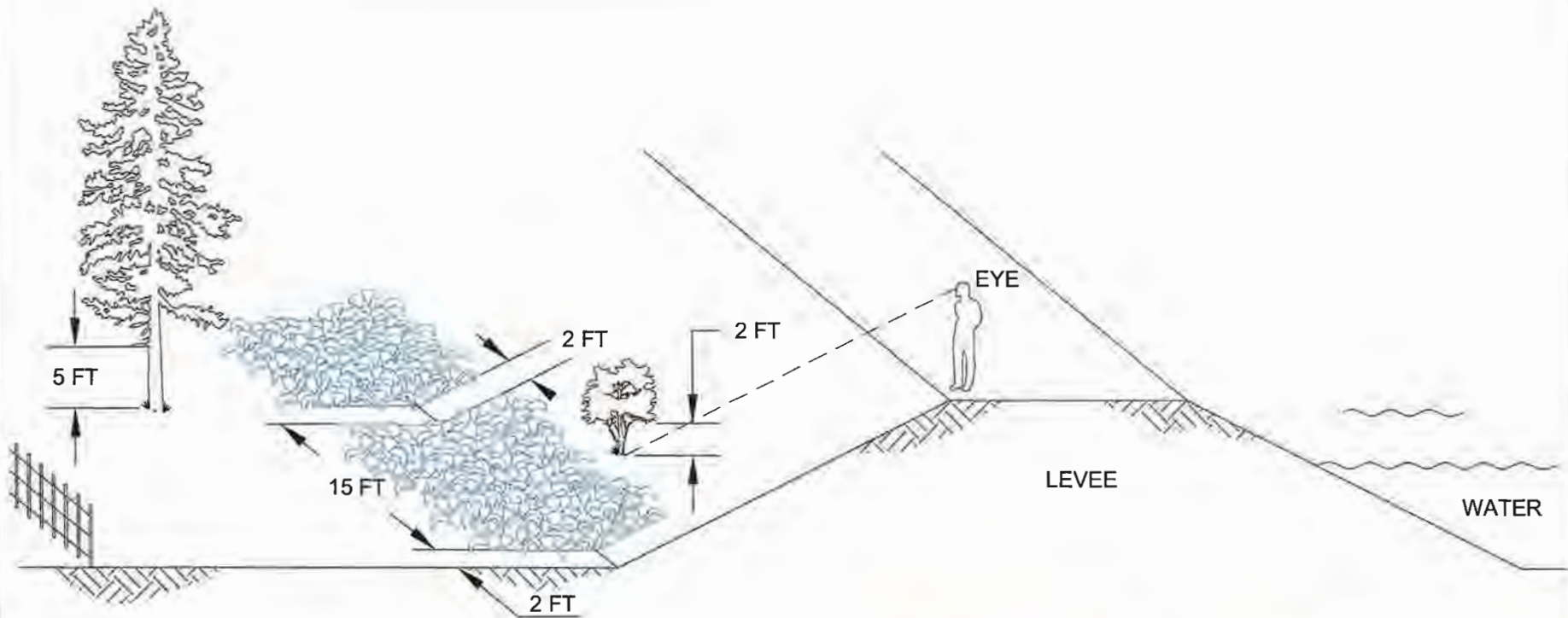
MAIL MERGE
March 27, 2018
Page 2 of 2

w/enclosures

General Vegetation Requirements Graphic
Typical Compliant Vegetation Photos

cc: Trustees (w/encl.)
Daniel J. Schroedeer, Esq. (w/encl.)
Joe Bryson, Supt. (w/encl.)
Jean Knight, Sec. (w/encl.)

GENERAL VEGETATION REQUIREMENTS



NOTES:

FOR ALL PERMITTED ENCROACHMENTS:

1. TREES TRIMMED MINIMUM 5 FEET FROM GROUND EVERYWHERE.
2. SHRUBS TRIMMED MINIMUM 2 FEET FROM GROUND EVERYWHERE.
3. SHRUBS LESS THAN 2 FEET TALL PROVIDE HORIZONTAL GAPS OF 2 FT IN WIDTH EVERY 15 FEET TO ALLOW VISUAL INSPECTION.
4. FENCE: SEE THROUGH (i.e. CHAIN LINK, WOODEN SLATS EVERY OTHER, ETC.)

SAMPLE



Before
Vegetation Clearing



After
Vegetation Clearing



Before
Vegetation Removal



After
Vegetation Removal



Before
Vegetation Clearing



After
Vegetation Clearing



Exhibit C

Chris Neudeck

From: Jacob Bejarano
Sent: Thursday, June 20, 2019 1:05 PM
To: Chris Neudeck; Wendy L. Fuerte
Subject: RD1608 LVW LOMA Progress Update
Attachments: Engrs Report_LL_Finding.docx

LINCOLN VILLAGE WEST LOMA

TASK 1: PREPARE LEGAL DESCRIPTIONS

- Task was Completed in October

TASK 2: PREPARE APPLICATION

- 10 Applications were created, one for each subdivision. (Completed in October/November)

TASK 3: PACKAGE AND SUBMIT SUPPORTING DOCUMENTS

- Prepared a Cover letter referencing the previous studies prepared and supporting the LOMR and applicability to the LOMA applications.
- The application and supporting materials has been uploaded to the FEMA LOMA application system Completed November 15th & 16th

LOMA REVIEW COMMENTS:

- A FEMA Comment Letter was received on 12/17/18, Stating that every page of the Elevation form was to be stamped and signed.
 - Signed and Stamped forms will be resubmitted to FEMA on 12/18/18.
- Numerous applications are requesting structure mapped structures for lots containing multiple structures. This endeavor would be time consuming. Instead preparation of a legal meets and bounds description will be provided to clearly delineate the lake boundary. The information is anticipated to be submitted by late January.
- The Lake Boundary Metes and Bounds Descriptions were completed and submitted to FEMA on February 28th.
- FEMA commented on the metes and bounds description and requires that we identify the land to be removed rather than focusing on the lake boundary. KSN has meet with FEMA reviewers to determine their exact requirements and will resubmit an updated metes and bounds description of affected lots surrounding the Lakes per FEMA requirements
- The updated FEMA metes and bounds description requires KSN to digitize (recreate in CAD) line work from the subdivision maps and merge current accurate ground survey data, gathered for the lakes, with historic survey data collected in the 1970's. Merging the two data set posed some challenges to which an extension was sought and granted.
- KSN submitted the updated FEMA metes and bound description and received duplicate comments on 2 submittals. We are currently seeking clarification of the comments.
- FEMA's latest round of comments focused on how the metes and bounds line crosses decks and docks. FEMA requires that any element such as a deck, dock, or stairs, that are directly attached to a structure, must not cross over the lake bulkhead and be supported by a pier in the lake and requests that KSN certify that this condition does not exist. In order to do so a boat survey was conducted with the findings are attached as Exhibit A.

FEMA provided guidance on what was required to process the metes and bounds (M&B) description. KSN edited per their direction and resubmitted. FEMA followed up with completely different set of criteria with regards to the M&B line. This time focusing on the how the M&B line crosses features and outlined the following criteria:

The M&B must not:

- I. Cross any structures;
- II. Cross any elements attached to a structure; or
- III. Cross over the water boundary.

FEMA is requiring certification that the three conditions outlined are satisfied. KSN is the originator of the M&B line work and therefore knows that items I & III are satisfied however elements II was undetermined and required investigation. KSN coordinated with Lincoln Lake Association and was able to arrange for a boat tour.

The Criteria of the boat tour was to review those properties that appear to contain an element (deck/stairs/dock) that is:

- *attached to the structure, and*
- *extends out over the water, and*
- *is supported by members extending into the water*

The boat tour was performed on Friday 5/3/19. Using the criteria set above a total of 21 structures were investigated and grouped according to the following three categories.

- I. **Category I** consists of structure whose elements were attached to the structure however do not extend beyond the lake bulkhead.
 - There are a total of 4 structures within this category and were eliminated from the review as the properties contained elements that ended behind the lake bulk head and did not extend over to the Lake.
 - Category I structures do not require additional qualifying and should reach an “out of the Special Flood Hazard Area (SFHA)” determination without issue.
- II. **Category II** consists of structures containing an element that is attached and extends over the SFHA but is supported by high ground or the structure’s foundation.
 - 5 of the identified structures were within this category.
 - Category II structures will require that the metes and bounds description to be edited such that the description outlines the attached deck rather than crossing underneath the deck as currently shown. These structures will require more detailed information to prove their compliance however it should not require much more than an additional survey elevation , photo of supports and edited M&B descriptions.
- III. **Category III** consists of structures containing an element that is: 1) Attached to the structure; 2) extends over the SFHA; and 3) Is supported by pier extending directly into the SFHA.
 - There are 12 structures that meet this description.

Category III structures are non-compliant and will not receive an out of the SFHA Determination in their current state of construction. There are a number of solutions that will allow a favorable determination however **they will require modification to the element**. Category III elements are predominately found in condominium lots.

Category III solutions are presented in no specific order of preference. Solutions A – C will lead to favorable determination however it is highly dependent on the resident's willingness to modify existing elements.

- A. Detached element: Detaching the supports from the structure and installing a new foundation supports such that the deck is self-supporting and provides the separation required. Under this solution, the piers can remain in place. By certifying that the deck is detached, a determination should follow suit.
- B. Reconfigured the Water Side Supports: The resident must install new supports on high ground leaving a cantilevered section or installing angled supports along the cantilevered section. The pier support must be removed so that only high ground supports are touching the element.
- C. Remove these properties from the Determination: We can adjust the Mets and Bounds description such that we remove a specific property from the determination. Under this alternative only compliant structures will be mapped out of the SFHA.
- D. The last solution is a do nothing alternative. It is unknown if the flood insurance requirements are in effect but as the requirement may become apparent, the cost may force individuals to make modifications and allow certification to continue.

Category I Deck



Category III Decks





Exhibit D

Chris Neudeck

From: Jacob Bejarano
Sent: Thursday, June 20, 2019 1:05 PM
To: Chris Neudeck
Cc: Wendy L. Fuerte
Subject: RD1608 LVW Sed. Removal Progress Update
Attachments: scope_lincoln_village_ksn_june 2019.pdf; cost estimate_lincoln_village_ksn_june 2019.pdf

SEDIMENT REMOVAL PROJECT

TASK 1: PROJECT MANAGEMENT & DESIGN

TASK BUDGET STATUS: \$48,135 (71% of task budget)

PM:

- Through discussion with the project biologist we were informed that the USACE has recently (within the last year) become more emboldened to ensure compliance with federal requirements for cultural and historic preservation through a Section 106 consultation. The team has held internal discussions with regard to the best way to handle this requirement understanding that there are no historic buildings or indication of any ancient burial sites, however none the less, USACE will delay the processing of the project until consultation is complete. KSN has solicited a small Archaeologist service, Solano Archaeologist Services (SAS), to prepare the report on short order to maintain progress. The enclosed attachment contains the Scope of Work and fee for Section 106 Compliance.
- Additional Authorization: Retention of the SAS, coordination and permitting follow up are unanticipated efforts and therefore billed on a time and material basis. The effort including SAS fees are estimated to be approximately roughly \$18,000.

TASK 2: SURVEY & MAPPING

TASK BUDGET STATUS: \$10,386 (18% of task budget)

- No survey effort this period

TASK 3: ENVIRONMENTAL ASSESSMENTS & DOCUMENTATION

TASK BUDGET STATUS: \$87,829 (105% of task budget)

- No activity

TASK 4: DREDGING OPERATIONS SUPPORT & PERMITTING

TASK BUDGET STATUS: \$115,170 (62% of task budget)

Permitting:

- No Activity

TASK 5: CONSTRUCTION MANAGEMENT & DREDGING

TASK BUDGET STATUS: \$0 (0% of task budget)

- No Activity

Exhibit E



Solano Archaeological Services
CULTURAL RESOURCE MANAGEMENT

Cultural Resources Scope of Work
for the
Lincoln Village West Sediment Removal Project,
City of Stockton, San Joaquin County, California

Prepared for KSN

Solano Archaeological Services (SAS) proposes to conduct a Section 106 compliant cultural resources inventory for KSN, Inc. (Contact: Tessa Marlow) to determine if cultural resources are present in the Lincoln Village West Sediment Removal Project (Project) area of potential effects (APE). The Project requires a Section 404 permit application with the U.S. Army Corps of Engineers (USACE). As such, the inventory prepared by SAS is required to be compliant with Section 106 and USACE guidelines. The inventory would be reviewed by the USACE.

The APE includes a 5,500 foot section of 14-Mile Slough that will be dredged to a depth of 5 feet NAVD88, and placement of several miles worth of discharge pipe.

Regulatory Setting

Section 106 of the National Historic Preservation Act

The project is seeking a Section 404 permit from the U.S. Army Corps of Engineers (USACE) under a separate National Environmental Policy Act (NEPA) process. As such, this proposed cultural resources study will be prepared in compliance with Section 106 of the National Historic Preservation Act (NHPA) (16 USC 470 et seq.), as amended and its implementing *regulations* at Title 36 *Code of Federal Regulations* Part 800 (36 CFR 800). Undertakings include activities directly carried out, funded, or permitted by federal agencies. The report will address the identification and treatment of any discovered cultural resources in the Project APE. As defined by Section 106, cultural resources can include historic or prehistoric sites, structures, buildings, districts, and objects, each of which is evaluated for its eligibility for listing in the National Register of Historic Places (NRHP). The Section 106 process mandates that foreseeable significant impacts to resources eligible for NRHP listing must be mitigated.

Historic properties are cultural resources that are listed on, or are eligible for listing on, the NRHP (36 CFR 800.16[1]). The implementing regulations for Section 106 of the NHPA (36 CFR Part 800) require consultation with the State Historic Preservation Officer, the ACHP, federally recognized Indian tribes and other Native Americans, and interested members of the public throughout the compliance process. The four principal steps are:

- Initiate the Section 106 process (36 CFR Section 800.3).
- Identify historic properties, resources eligible for inclusion in the NRHP (36 CFR Section 800.4).
- Assess the effects of the undertaking to on historic properties within the APE (36 CFR Section 800.5).
- Resolve adverse effects (36 CFR Section 800.6).

National Register of Historic Places (NRHP)

The NRHP listing criteria are as follows (36 CFR Section 60.4):

Solano Archaeological Services
CULTURAL RESOURCE MANAGEMENT

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- (a) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- (b) that are associated with the lives of persons significant in our past; or
- (c) that embody the distinctive characteristics of a type, period or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- (d) that have yielded, or may be likely to yield, information important in prehistory or history.

Scope of Work

The Scope of Work for this project includes the following:

1. **Archaeological and Historical Records Search and Literature Review.** A standard pre-field comprehensive records search will be conducted at the Central California Information Center (CCIC) at California State University, Stanislaus. The CCIC will review the California Historical Resources Information System for any listings within a half mile radius of the Project, identifying any pre-existing archaeological sites and studies. The following State of California Department of Parks and Recreation and Office of Historic Preservation inventories will also be reviewed:
 - California Inventory of Historic Resources
 - National Register of Historic Places
 - California Register of Historic Places
 - California Historical Landmarks
 - California Points of Historical Interest

Historic topographic maps, GLO plats, and soil survey maps will also be researched. An extensive analysis of California tribal territories and ethnographic villages will be conducted in-house.

All records search material will be thoroughly analyzed before fieldwork commences.

2. **Native American Consultation.** The Native American Heritage Commission (NAHC) will be contacted to review the Sacred Lands database for cultural resources in the APE. Additionally, the NAHC will provide a list of Native American consultants who will be notified in writing of the Project. SAS will engage selected Native American groups for two rounds of continued consultation by telephone and email only. In-person meetings are not a regulatory requirement and are not considered part of this scope. The purpose of this level of consultation is to acquire information on potential unrecorded cultural resources and/or sacred lands that Native American groups identify as being in the APE, and to gather preliminary recommendations. This consultation is not to be misconstrued with SB 18 or AB 52 consultation, which are not part of this scope. All of the Native American responses and recommendations will be documented and

Solano Archaeological Services
CULTURAL RESOURCE MANAGEMENT

included as part of this study, and a correspondence log with accompany the report in an appendix.

3. **Land-Use Research.** SAS will research land-use associated with the APE, including analyzing General Land Office maps and if necessary establish a chain of ownership of the involved property to help with NRHP criteria evaluation.
4. **Pedestrian Survey.** An intensive pedestrian survey of the APE will be conducted by qualified SAS archaeologists walking 10 meter transects. This inventory includes coverage of the 5,500-foot dredge area, and both the primary and alternative discharge pipe alignments. Survey along the dredge line and discharge pipe alignments will include a 100-foot corridor. The archaeologists will take digital photographs of the project area, document thoroughly the survey findings, and utilize a sub-meter accurate Trimble Geo7X GPS device to digitally record locational information and produce corrected shapefiles to provide to the client. All sites and isolates will be recorded utilizing State of California Department of Parks and Recreation 523 series records.
5. **USACE Formatted Section 106 Cultural Resources Inventory Report.** SAS will prepare a single report that documents the historical and ethnographic setting of the project area, Native American consultation, background literature review and records search, and findings during fieldwork. All historic properties will be evaluated for NRHP criteria, and each resource will be recommended either eligible or ineligible for NRHP listing. If appropriate, a statement on findings of effect will be issued in correlation with the project design. The report will elaborate on the possibility of discovering unforeseen, subsurface cultural resources during construction, and state recommendations based on field findings and the records search analysis.

A Draft Report will be submitted to KSN, Inc. and USACE for review. Once the report is reviewed, SAS will incorporate review comments into the Final Report and re-submit to all involved agencies and organizations.

A copy of the final report will be submitted to the CCIC.

6. **Billing.** SAS will submit an invoice for 100% of the cost estimate with the submission of the Draft Report due to the extensive time period required for the USACE review. KSN, Inc. agrees to compensate SAS within 45 days of receipt of the invoice.
7. **Assumptions.** This Scope of Work assumes that:
 - 1) Construction monitoring, archaeological testing and evaluation, or any other mitigative measure needed as a result of this study are not considered part of this scope.
 - 2) No more than two rounds of USACE report review will be required.
 - 3) This scope includes recordation of up to three (3) cultural resources. Additionally identified resources will be billed at a rate of \$800/site.
 - 4) If historic structures are present in the APE, it may be necessary for a researcher meeting the federal *Secretary of the Interior's Professional Qualifications Standards* in history/architectural history to conduct an NRHP evaluation of the development.

Solano Archaeological Services
CULTURAL RESOURCE MANAGEMENT

Should any of these assumptions prove false, the Scope of Work and Cost Estimate will need to be adjusted to reflect the additional work involved.



Solano Archaeological Services
131 Sunset Ave Ste E #120
Suisun City, CA 94585
(707)718-1416
jason@solanoarchaeology.com
<http://www.solanoarchaeology.com>

Estimate

ADDRESS

Tessa Marlow
KSN, Inc.
711 N. Pershing Avenue
Stockton, CA 95203
San Joaquin

ESTIMATE #	DATE
1139	06/18/2019

ACTIVITY	QTY	RATE	AMOUNT
LINCOLN VILLAGE WEST SEDIMENT REMOVAL PROJECT, SAN JOAQUIN COUNTY Cultural Resources Inventory, Section 106 compliant under USACOE guidelines, includes records search, literature review, Native American consultation, land-use research, survey of entire dredge and discharge pipe routes, and reporting. PRICING INCLUDES EXPEDITING	1	9,000.00	9,000.00
TOTAL			\$9,000.00

Accepted By

Accepted Date

JULY 2019 RECLAMATION DISTRICT 1608 LEVEE SUPERINTENDENT JOE BRYSON

1. Levee patrol 00+ to 180+. Cleaned trash Plymouth gates. Serviced pumps and cleaned area.
2. Repaired three cut fences, Plymouth West. \$14,000
3. Started *blacktop North East levee Plymouth Gates.*
4. Received call man walking on levee with back pack..removed him.
5. Received call from Dave South East levee. Two people climbing over fence East of I-5. Asked them to leave.
6. Someone broke into the pump area, lots of damage.
7. Met with Caltrans Plymouth East of I-5. They are going to install some type of station.
8. Found small whole in levee road Plymouth East. Called Chris, think it's an old test site. Compacted and filled with asphalt.
9. Repair of In-Shape levee wall is completed. They did a good job. KSN and I checked the job every day.
10. Someone went over divider fence, Five Mile Slough. Left behind his pants, shirt and flip flops.
11. Received call regarding truck parked in front of blue gate at the Marina. Went out, could not get thru. Told the. To call and have it towed.
12. Man in truck camping, Eastside Five Mile Slough Plymouth
13. I am down two men, one man in August. Bryan will be working for Lonnie RD, three weeks in July.
14. Ran taggers off I-5 South East levee five times.

RECLAMATION DISTRICT 1608
FINANCIAL REPORT - JULY 3, 2019
% OF FISCAL YEAR ELAPSED THROUGH JUNE 30, 2019 - 100%

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
Operations & Maintenance Expenses				
Levee Superintendent	\$70,500.00	\$6,025.50	\$67,281.50	95.43%
Part Time Employees	23,000.00	3,348.00	20,993.43	91.28%
Payroll Taxes and Expenses	14,000.00	989.32	17,794.09	127.10%
Fences & Gates	50,000.00	3,535.97	4,791.33	9.58%
Locks & Signs	1,500.00	0.00	0.00	0.00%
Weed and Rodent Control & Clean up	14,000.00	169.21	4,096.33	29.26%
Levee Repair Fund (General Operations & Maintenance)	50,000.00	4,277.92	22,910.81	45.82%
Levee Repair Fund (Levee Capital Improvement Projects)	175,000.00	0.00	45,365.28	25.92%
Pump System Maintenance	1,000.00	27.84	273.45	27.35%
Wireless Services (Cell and Mobile Computer)	1,800.00	130.08	1,544.71	85.82%
Emergency Equipment & Supplies	1,000.00	0.00	0.00	0.00%
Garbage Service	3,000.00	150.00	4,767.48	158.92%
District Vehicle (Fuel, Maintenance and Repairs)	2,400.00	181.73	3,859.68	160.82%
TOTAL	\$407,200.00	\$18,835.57	\$193,678.09	47.56%
General Expenses				
Trustee Fees	\$8,460.00	\$1,480.50	\$8,725.25	103.14%
Secretary Fees	10,000.00	1,030.00	8,300.00	83.00%
Office Expenses (includes storage facility)	1,000.00	122.61	1,102.79	110.28%
General Legal	55,000.00	4,210.40	34,361.97	62.48%
Audit	4,000.00	0.00	3,850.00	96.25%
County Administration Costs	7,250.00	0.00	7,377.86	101.76%
Property and Liability Insurance	8,900.00	0.00	8,911.00	100.12%
Workers Compensation Insurance	8,000.00	1,367.01	6,045.63	75.57%
Election Costs	0.00	0.00	0.00	0.00%
Newsletters & Public Communications	12,000.00	0.00	12,331.10	102.76%
TOTAL	\$114,610.00	\$8,210.52	\$91,005.60	79.40%
Engineering Expenses				
General Engineering	\$16,500.00	\$0.00	\$64,348.17	389.99%
Plan Review Engineering	25,000.00	0.00	46,148.71	184.59%
Administration of Delta Levee Subventions Program	25,000.00	0.00	27,798.67	111.19%
Periodic Levee Property Inspections and Surveys	25,000.00	0.00	0.00	0.00%
Routine Levee Maintenance Consultation	7,500.00	0.00	18,570.85	247.61%
Engineering, Mgmt & Inspection of Capital Imp. Projects	35,000.00	0.00	0.00	0.00%
DWR 5 Year Plan	50,000.00	0.00	1,189.14	2.38%
Miscellaneous Expenses (e.g. travel)	0.00	0.00	0.00	0.00%
Assessment Engineering	2,100.00	0.00	1,896.44	90.31%
Sediment Removal Project	270,000.00	0.00	48,929.95	18.12%
TOTAL	\$456,100.00	\$0.00	\$208,881.93	45.80%
Warrant Interest Expenses				
Warrant Interest Expense	\$0.00	\$0.00	\$0.00	0.00%
TOTAL	\$0.00	0.00	\$0.00	0.00%
TOTAL EXPENDITURES	\$977,910.00	\$27,046.09	\$493,565.62	50.47%

**RECLAMATION DISTRICT 1608
FINANCIAL REPORT - JULY 3, 2019
% OF FISCAL YEAR ELAPSED THROUGH JUNE 30, 2019 - 100%**

Budget Item	Anticipated Income	Income MTD	Income YTD	% YTD
Income				
Property Taxes	\$208,120.00	\$265.54	\$225,759.04	108.48%
Interest Income	15,000.00	0.00	33,845.00	225.63%
Assessments	298,000.00	170,124.00	302,204.98	101.41%
Subvention Reimbursement	200,000.00	0.00	219,019.00	109.51%
Other Reimbursable Expenses (DWR Monies for 5-Yr Plan)	50,000.00	37,500.00	0.00	0.00%
Totals	\$771,120.00	\$207,889.54	\$780,828.02	101.26%

(DWR Monies for 5-Year Plan \$37,500.00)

Cash On Hand	
Cash Balance as of July 1, 2018	\$1,738,986.47
Revenues (YTD), as of May 31, 2019	786,815.66
Bank of Stockton Account Balance - June 30, 2019	21,995.92
Expenses (YTD), as of May 31, 2019	504,032.70
TOTAL CASH	<u>\$2,043,765.35</u>
Cash On Hand (Exclusive of Reserves)	<u>\$2,043,765.35</u>
Reserves	
Capital Improvement Reserve	\$500,000.00
Board-Designated Reserve	900,000.00

Reclamation District 1608

July, 2019 Bills

NAME	INVOICE #	AMOUNT	TOTAL \$	WARRANT #	CHECK #	SUBVENTION FUND
Michael Panzer	Trustee Fee	\$493.50		6207		
			\$493.50			
Brett Tholborn	Trustee Fee	\$493.50		6208		
			\$493.50			
Dan MacDonnell	Trustee Fee	\$493.50		6209		
			\$493.50			
Jean Knight	Secretary Fee	\$1,030.00		6210		
			\$1,030.00			
Neumiller & Beardslee	30002	\$4,210.00		6211		
			\$4,210.00			
Reclamatio District 1608	Transfer to Checking	\$30,000.00		6212		
			\$30,000.00			
Paul E. Vaz Trucking	63007 & 63008	\$2,498.98		6213		
			\$2,498.98			
Stockton Fence & Material	9563	\$3,284.00		6214		
			\$3,284.00			
PG&E	Stone River/LandView Seagull	\$27.84		6215		
			\$27.84			
State of California Payroll Taxes		\$481.00			online	
			\$481.00			
Federal Government Payroll Taxes		\$2,557.24			online	
			\$2,557.24			
Bank of Stockton Visa		\$4,151.25			online	
			\$4,151.25			
Gabriel Banks	Payroll 6-1-19 - 6-15-19	\$287.30			1421	
			\$287.30			

Reclamation District 1608
July, 2019 Bills

Hector Bryan Kendall	Payroll 6-1-19 - 6-15-19	\$637.16		1422
			\$637.16	
John Earl Foster	Payroll 6-1-19 - 6-15-19	\$630.32		1423
			\$630.32	
Joe Bryson	Payroll 6-1-19 - 6-30-19	\$4,266.17		1424
			\$4,266.17	
Hector Bryan Kendall	Payroll 6-16-19 - 6-30-19	\$760.49		1425
			\$760.49	
Gabriel Banks	Payroll 6-16-19 - 6-30-19	\$201.89		1426
			\$201.89	
John E. Foster IV	Payroll 6-16-19 - 6-30-19	\$541.25		1427
			\$541.25	
	WARRANT TOTAL:		\$42,531.32	
	CHECKING TOTAL:		\$14,514.07	
	TOTAL BILLS PAID		\$57,045.39	