

**RECLAMATION DISTRICT NO. 1608
LINCOLN VILLAGE WEST
BOARD OF TRUSTEES MEETING
WEDNESDAY, JUNE 1, 2016
8:00 A.M.
ENGINEER'S REPORT**

I. PLAN REVIEW

A. Current permit requests from homeowners:

- a) **3821 Falmouth Court
Parveen S. Malik
(209) 609-9610
Index No 134 Lot 2129
APN 098-100-18**

Review request to place sod under trees on the landside slope of the levee for the length of the levee area..

KSN Inc. recommends approval of this application with the condition that the landowner keep the trees on the slope trimmed up a minimum of six (6) feet from the ground surface.

EXHIBIT A: Malik's Application for Approval of Plans and/or Encroachment Permit.

B. Enforcement Violation Letters to homeowners (POST 12/15 LEVEE INSP.)

- a) **Anthony S. & Candace J. Lomax
7056 Bridgeport Circle, Stockton, CA 95207
Index No. 50 Lot 1563
Assessor's Parcel No. 097-560-36**

Encroachments: Permit issued in 1982

- Oleanders along levee toe at fence
- Wood retaining wall and planter at toe
- Concrete block wall south of planter

Notes:

In violation of current standards:

Vegetation LS prevents any inspection

- RD 1608 Levee Encroachment Standards, Chapter 6 Vegetation, Section 6.04, Part C:

- “Plants will be trimmed and maintained to allow maximum visibility for inspection of the levee slope and toe areas.”

5/27/16 Per Joe Bryson plants have been trimmed, we are now awaiting photos from Joe Bryson and KSN Inc. will draft a letter regarding RD 1608's violation letter dated April 11, 2016.

b) Steve L. & Jane M. Copello
7050 Bridgeport Circle, Stockton, CA 95219
Index No. 47 Lot 1560
Assessor's Parcel No. 097-560-39
(209) 477-7299
Property Site: Same

Encroachments: Permit issued in 1983

- Chain link fence at toe
- Vines on fence
- Brush covering fence

Notes:

In violation of current standards:

Keep slope clear of leaves and brush

- Ch. 6 Vegetation, Section 6.04, Part C. – “Plants will be trimmed and maintained to allow maximum visibility for inspection of the levee slope and toe areas.”

5/27/16 Per Joe Bryson, RD 1608 has placed gravel on the levee landside slope on this lot in April of 2016. We are awaiting compliance from landowner on trimming of bushes on fence and response from landowner regarding RD 1608's violation letter dated April 11, 2016.

c) Gerald N. & Mary Bock
3860 Fourteen Mile Drive, Stockton, CA 95219
Index No. 24 Lot 1152
Assessor's Parcel No. 098-370-08
(209) 957-0720

Encroachments: Permits issued 1984

- Wire fence WS
- Low retaining wall LS toe
- Various trees LS slope
- Wood steps LS

Notes:

WS wood deck removed

Seepage located on landside of levee, 20' south of north property line. Monitor. (5/13/96)

In violation of current standards:

- Waterside fence not permitted
See RD 1608 Levee Encroachment Standards, Chapter 3 Southwest Levee, Section 3.03, Encroachments Allowed Without Permit:
“There shall be no encroachment of any sort within the Southwest Levee area of applicability unless specifically allowed by issuance of a permit.”
- Dock is covered under separate Permit

5/27/16 The fence on the waterside slope remains unpermitted yet Joe Bryson researched and located a permit application in March of 2012 for the fence but apparently action was never taken on the permit application. If the permit application was acted on in March of 2012 it probably would have been approved whereas now our amended guidelines do not allow a fence in this location. Discuss this with the Board of Trustees and general Counsel and seek direction on how to proceed with this

EXHIBIT B: Bock Application for Approval of Plans and/or Encroachment Permit dated 3/27/12

- d) **Emmanuel & Rosita Taylan**
3831 Fort Donelson Drive, Stockton, CA 95219 Index No.
111 Lot 2236
Assessor's Parcel No. 098-080-44
(209) 457-9228

Encroachments: Permit issued in 1997

- Lawn, sprinkler system, shrubs LS
- Gravel and wood steps (not shown in pictures)
- Electrical system LS
- Wood/gravel steps LS
- Fruit tree and oleander along walkway
- Chain link on wood post fence at toe

Notes:

Palm removed

In violation of current standards:

- Keep hedge at levee toe trimmed to allow maximum visibility for inspection of the levee toe area.

See RD 1608 Levee Encroachment Standards Chapter 6
Vegetation for details on permitted vegetation and
maintenance.

*5/27/16 Per Joe Bryson, Mr Talyan has trimmed his trees in compliance with RD
1608's violation notice. Joe Bryson will provide photos and KSN Inc. will draft a
letter regarding RD 1608's violation letter dated April 11, 2016..*

e) Mark & Daisy C. Plovnick
3818 Fourteen Mile Drive, Stockton, CA 95219
Index No. 31 Lot 404
Assessor's Parcel No. 098-393-04
(209) 472-7123
Dogs: Chocolate Lab

Encroachments:

- Wood deck connecting house to crown – Permitted 1987
- Landscaping LS/WS
- Buried sprinkler system LS

Notes:

Wood steps WS removed 1997

In violation of current standards:

- RD 1608 Levee Encroachment Standards Chapter 3
Southwest Levee, Section 3.03:
“There shall be no encroachment of any sort within the
Southwest Levee area of applicability unless specifically
allowed by issuance of a permit.”
Retaining wall/fence and waterside deck are currently
undocumented and unpermitted.

*5/27/16 Upon further research it has been noted that these encroachments have
been approved. KSN Inc. will draft a letter regarding RD 1608's violation letter
dated April 11, 2016..*

f) John & Jeanette Notman
3802 Fourteen Mile Drive, Stockton, CA 95219
Index No. 33 Lot 406
Assessor's Parcel No. 098-393-06
(209) 951-4624

Encroachments: Permit issued in 1973 & 1998

- House – 2nd story extends over levee toe
- Landscaping LS/WS
- RR tie steps LS/WS

- Buried electrical system WS
- Deck WS w/raised portion for portable spa

Notes:

- Turf removed

In violation of current standards:

- Live hose bib at crown at deck and at WS gate are not permitted. No pressurized lines may run through levee
- RD 1608 Levee Encroachment Standards: Chapter 3 Southwest Levee, Section 3.04, Part F:
 “No system which contains pipes or hoses which remain pressurized when not in actual use shall be allowed if the portion or portions of the system which remain pressurized are located in the area between the District’s waterward boundary and a line ten feet (10’) inland from the levee toe.”

5/27/16 RD 1608’s superintendent Joe Bryson will inspect this lot. He believes there is a landside shutoff at the toe of the Districts levee in accordance with the District’s encroachment standards. KSN Inc. will draft a letter regarding RD 1608’s violation letter dated April 11, 2016 upon learning outcome of Joe Bryson’s inspection.

**g) Steve & Sandra Stoddard
 3769 Hatchers Circle, Stockton, CA 95219
 Index No. 103 Lot 1994
 Assessor’s Parcel No. 098-050-03
 (209) 478-8047
 (209) 466-3445 (Steve)**

Encroachments: Permit issued in 1984

- Sprinkler system, lawn, ice plant, overgrown weeds LS
- Welded wire fabric fence on wood posts w/top rail along LS toe

In violation of current standards

- Undocumented railroad tie steps and pebble pathway
 RD 1608 Levee Encroachment Standards: Chapter 4 Northwest Levee, Section 4.03:
 “There shall be no encroachments of any sort within the Northwest Levee area of applicability unless specifically allowed by issuance of a permit.”

5/27/16 Mr. Steve Stoddard called KSN Inc. today May 27, 2016 and informed us that he will be removing stairs on the levee this weekend. Joe Bryson will check and take photos to see whether Mr Stoddard is in compliance with RD 1608’s

violation notice. KSN Inc. will draft a letter regarding RD 1608's violation letter dated April 11, 2016.

II. DELTA LEVEE SUBVENTIONS PROGRAM AB 360

A. Review recent City of Stockton's stormwater discharge pipe failure through levee from the North Lake system. Seek direction of Legal Counsel to have him draft letter to City of Stockton Municipal Utilities Department regarding District's concern about City of Stockton discharge pipeline repair work within the District's levee section.

III. FEMA MAPPING STATUS

A. Review ongoing status and progress of preparation of the Letter of Map Revision (LOMR) application for District's response to FEMA regarding the mapping status of the District's levee system.

EXHIBIT C: Progress memo from KSN Inc. as to the elements of the District's LOMR submittal date May 27, 2016

A

Index No. _____ Lot No. 1608

APPLICATION FOR APPROVAL OF PLANS AND/OR ENCROACHMENT PERMIT

1. Application to the Reclamation District 1608 for approval to A Landscaper will re-move all growth from levee on 15th of May & replace with grass (sod) from rock crown to tree area. Grass will be mowed regularly.

2. Please check exhibits accompanying application.

- a. Location or vicinity map showing location of proposed work within the RD1608 area of responsibility, to permit visitation and inspection of work. Provide a marked-up copy of the RD1608 Boundary Map contained within the RD1608 Levee Encroachment Standards (Appendix E-1) to convey the appropriate location information (follow directions cited in Appendix E-1).
- b. A complete plan view and cross section of the proposed work, to scale, showing: dimensions; materials of construction and/or vegetative plantings; irrigation system; location of levee crown, toe and side slopes; relationship of the proposed work to the levee, adjacent home, RD1608 easement lines, and property lines; and any other notable feature within the lot.
- c. A cross section of the levee, berm, and stream area with dimensions and elevations of the levee crown, levee toes, floodplain, low water levee, etc., with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.
- d. Profiles of existing or proposed levees, fills, or other obstructions in the stream or overflow area with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.

3. Please Print or Type:

Name of Applicant Address-Zip Code 95219 Telephone Number

PARVEEN MULLIK 3821 PALMVIEW ST Office _____ Home

Signature p. mullik 95219 Date 5/11/16

4. Endorsement

We, the Trustees of Reclamation District 1608 at its meeting held on the _____ day of _____, 20____, hereby

- APPROVE and give consent to the execution of the encroachment permit subject to the following conditions:
- Conditions listed on the back of this form
 - Additional attached conditions.
 - No conditions

DENY the application for the following reasons:

Date _____

Board of Trustees,
Reclamation District 1608

5. Name and address of owners of adjacent land parcels sharing a length of point of common boundary with the land upon which the contents of this application apply.

<u>Name</u>	<u>Address</u>	<u>Zip Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Conditions:

1. Comply with Reclamation District 1608 Levee Encroachment Standards.
2. Submit new application for any future encroachment within ten (10) feet of levee toe.

SEE ATTACHED ADDITIONAL CONDITIONS. IF BOX CHECKED ON FRONT PAGE

3. _____
4. _____
5. _____
6. _____
7. _____

B

1. Resubmit application - Fence only
2. Vegetable garden not in compliance w/ current levee standards.

4/6/12

FOR OFFICE USE

Index No. _____ Lot No. 1152

- a. Remove Water line
- b. Remove Benches and Planter Boxes.

J. J. Mack
RD1608 Engineer.

APPLICATION FOR APPROVAL OF PLANS AND/OR ENCROACHMENT PERMIT

1. Application to the Reclamation District 1608 for approval to build fence beside
slough to keep pumpen inside back yard. Also, fence
line leading up to Tomato planters with brick base.
Plus addition/extension of water line on landside levee slope.

2. Please check exhibits accompanying application.

- a. Location or vicinity map, to scale, showing location of proposed work in relation to known topographic features, to permit visitation and/or inspection of work.
- b. A complete plan of the proposed work, to scale, showing dimensions, materials of construction, and relationship of the proposed work to adjacent or affected project features.
- c. A cross section of the levee, berm, and stream area with dimensions and elevations of the levee crown, levee toes, floodplain, low water levee, etc., with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.
- d. Profiles of existing or proposed levees, fills, or other obstructions in the stream or overflow area with reference to the U.S. Geological Survey, U.S. Corps of Engineers, or other datum generally used within the locale.

3. Please Print or Type:

Name of Applicant Gerald & Mary Bock Address-Zip Code 95219 Telephone Number _____
3880 14 Mile Dr. Office 956-4260 Home 473-2679

Signature Mary K. Bock Date 3/27/12

4. Endorsement:

We, the Trustees of Reclamation District 1608 at its meeting held on the _____ day of _____, 20____, hereby approve and give consent to the execution of the above plan and/or encroachment permit subject to the following conditions:

- Conditions listed on back of this form.
- Additional attached conditions.
- No conditions.

Date _____

Board of Trustees,
Reclamation District 1608

5. Name and address of owners of adjacent land parcels sharing a length of point of common boundary with the land upon which the contents of this application apply.

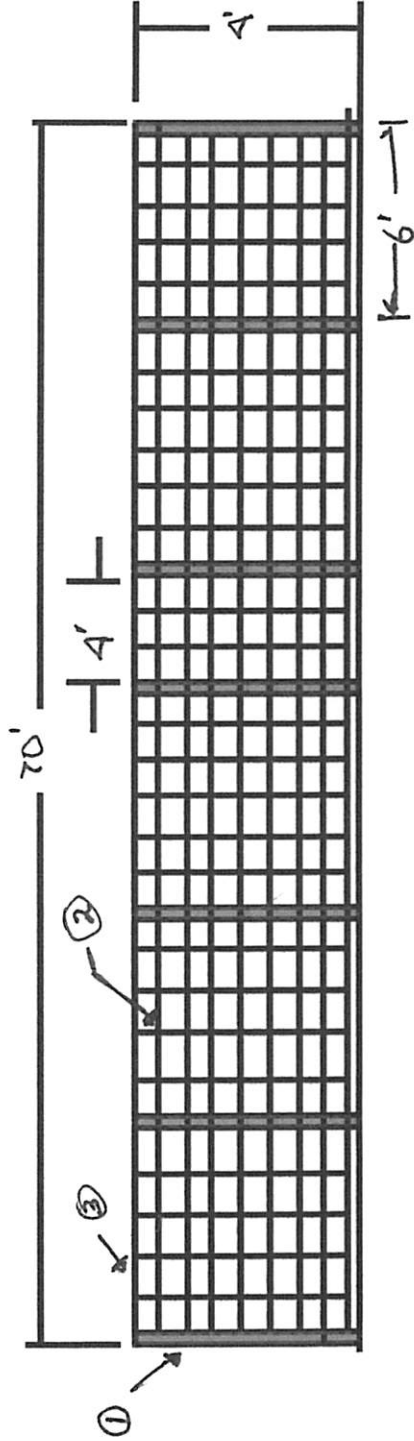
Name	Address	Zip Code
Smith	3856 14 Mile Drive	95219
Hasting	3864 14 Mile Drive	95219

Conditions:

1. Comply with Reclamation District 1608 Levee Encroachment Standards.
2. Submit new application for any future encroachment within ten (10) feet of levee toe.

SEE ATTACHED ADDITIONAL CONDITIONS, IF BOX CHECKED ON FRONT PAGE

- 3.
- 4.
- 5.
- 6.
- 7.



MATERIAL :

- ① - T-POSTS
- ② - WELDED WIRE GALVANIZED
- ③ - 1"x1" SQUARE TUBING

NO CEMENT ADDED.

DISTANCE :

(FROM FENCE TO WATER 14' (FEET APART))

VJ Custom Iron Construction
1604 E. Miner Ave.
Stockton, CA. 95205
(209) 423-2971

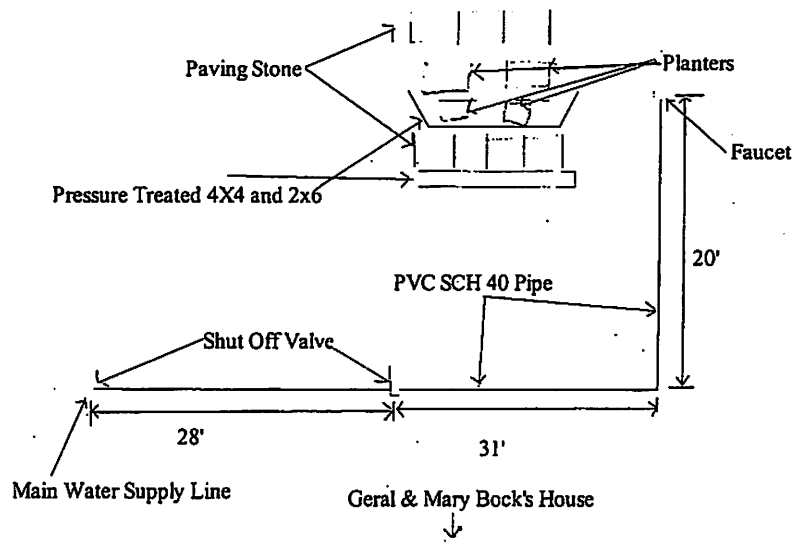
Measurements:

70 'total x 4 'high
Including 4'x4' door
Posts spaced 6' apart

Material:

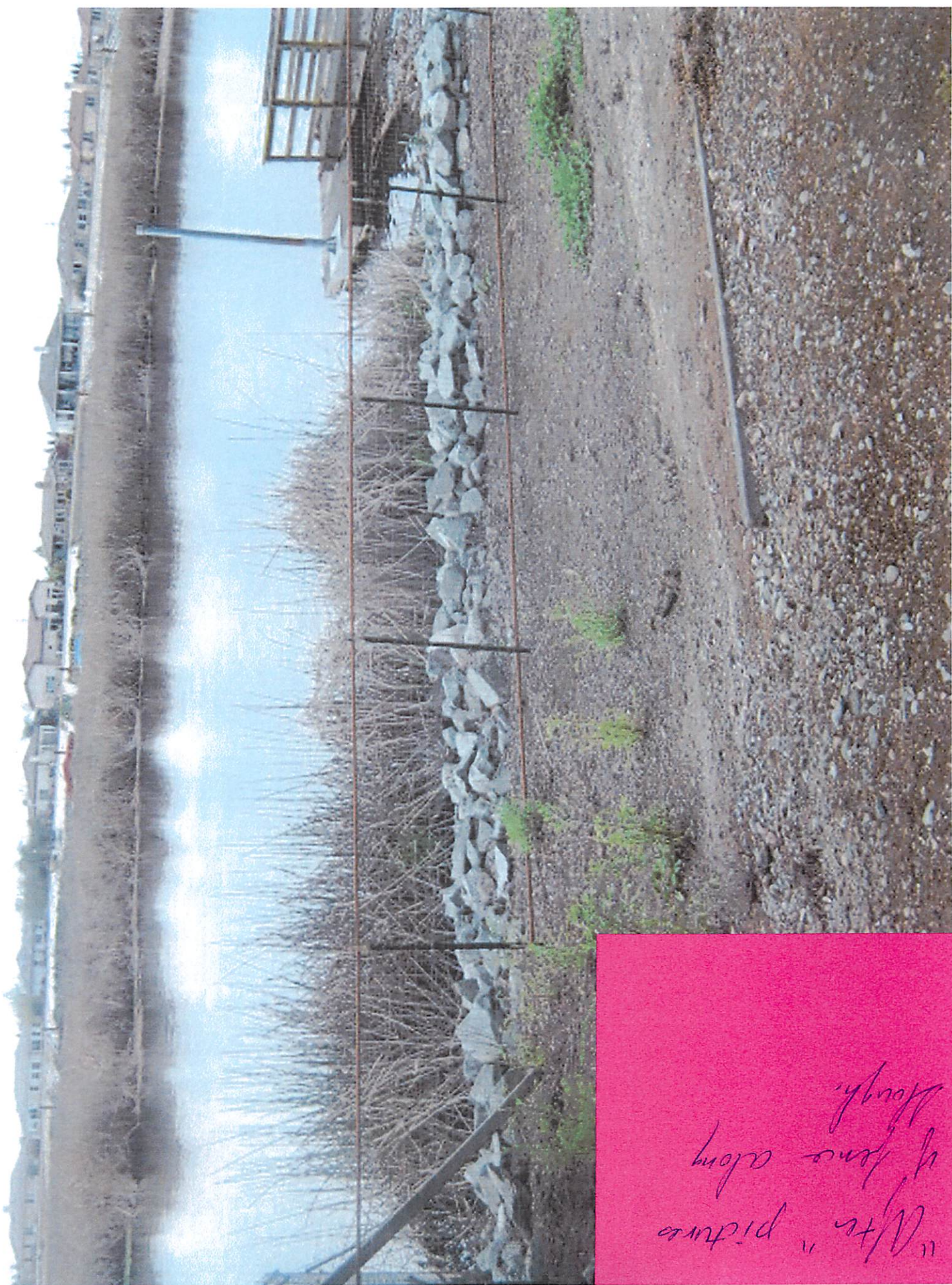
Welded wire galvanized 14 gage
T posts 8' long
1" x 1" square tubing 16 gage
No cement used

Fence to bottom of water landing 14' away









"After" picture
of fence along
Doughy.





C

Jacob Bejarano

Background Information Previously Completed

- Obtained Historical Plans on the LVW Levee including Historical Improvements.
- Obtained Plans from City of Stockton (COS) Stormwater Pump stations within RD 1608.
- Lake Management: Received direction on Lake operations, will tie operations with lake levels via infill surveys discussed below.
- San Joaquin Weir/Pump Station: Performed a Site visit with County staff to learn about operations and receive plans.
 - Met with Roland Brewer, SJC Operations Forman who operates the pump station, surveyed the pump station levels and documented operations. This information will live in the O&M Plan.
- LVW Lake System: Met with Shane Logan of Lakes Unlimited, Water quality and level operations contractor for both North and Lincoln Lakes. Operational levels have been obtained for both lakes and surveyed for detailed analysis in the Interior Drainage Report.
- COS Pump Stations: Pump curves for the pump stations were obtained from the City Senior Plant Supervisor to be used for the Interior Drainage Analysis.

May Progress Update

- Met with Geotechnical Sub and District staff to review the toe drain pump station. Geotech learned gathered data regarding the toe drain for their analysis and KSN was in attendance to learn about the pump station discharge pipe penetration through the levee.
- Cal Trans Update:
 - The levee within the Caltrans easement west of Interstate 5 (I-5) was repaired and now meets FEMA crown requirements;
 - The section of Levee east of I-5 is to be repaired no later than July 2016, the deadline for the contractor to complete repairs along this stretch of I-5.

Survey

Survey Components Completed:

- All photo targets have been set.
- The project was flown in February
- Aerial mapping Delivered to KSN April 15th.
- Surface Models and Planimetric data was prepared.
- Levee Profile surveys are complete.
- Infill and Bathymetry surveys were completed the week of April 25th , with processing and delivery on May 3rd.
- Additional infill surveys for cross sections will commence as needed after we look at the mapping. The plan is to cut 100' xs from the aerial and check/infill as needed.

May Progress Update

- Additional surveys were scheduled to confirm elevations of low spots identified during the initial crown profile survey. This initial survey was conducted by taking gps observations at a set intervals, which placed some observations under tree cover producing inaccurate observation results. Follow up consisted of confirming observations using conventional survey methods and found that the low areas were indeed meeting FEMA crown requirements.

Mapping

Mapping Components Completed:

- Began preparation of the Levee As-built plans. As the plans develop additional infill surveys may be identified.
- Low points identified in Caltrans ROW due to recent construction. Site Meeting with Caltrans was conducted; as a result Caltrans has scheduled to complete repairs in June.

May Progress Update

- Levee Crown Plan and Profile As-builts were completed.
 - Inconsistencies found between the aerial surveys (+-0.5 ft accuracy) and ground survey methods (+-0.1 ft accuracy) were observed and corrected.
 - Low spots were observed within the Southwest Section of Levee (residential encroachment area), this area contains tree cover at numerous locations along this section of levee and presents poor conditions for obtaining GPS and Aerial Surveys data. Follow-up surveys were scheduled to obtain confirming survey data using conventional methods.
 - Ground Survey data obtained were used to locate the levee crown and were incorporated into the overall topographic surface.
- Levee Cross Sections As-builts were completed. Inconsistencies noted between aerial and ground surveys appeared in levee cross sections. Similar to above ground survey data was used as the governing surface and incorporated into the surface cross sections.
- Date of Completion: May 24th

O&M Document Preparation:

- O&M document preparation includes a compilation of information gathered, such as:
 - Describing the Interior Drainage, pumps operations and emergency communications,
 - Integrating Existing O&M Plans and policies and updating them with current plans such as the newly developed Emergency Operations Plan and Flood Contingency Maps,
 - Including Lake Level Operations as a matter of information to have available to the District.

May Progress Update

- The O&M document was prepared with the information shown in the information shown above.
- Progress into June consists of proofing and finalizing the O&M document.
- Anticipated Date of Completion: June 10th

Interior Drainage

- Interior Drainage Analysis studied the two drainage sheds within the District Boundary and found that the pumps in place are adequately sized to evacuate a 100 year storm event using the current lake levels.
- Date of Completion: April 25th

Geotechnical Services

- Updated the ULE graphics to show exploration locations and reach boundaries on plan and profile sheets using the District stationing instead of ULE stationing.
- Meeting next week to observe existing toe drain pump station
- Reanalysis of the areas that failed ULE Requirements with existing cutoff walls and toe drain incorporated into the analysis.

May Progress Update

- Sub has requested a copy of the topographic surface for their analysis. Due to the low spots and inconsistencies observed in the plans, the follow up survey and corrections delayed the submission of this data.
- Anticipated Date of Completion: Mid-June

JUNE 2016 LEVEE SUPERINTENDENT JOE BRYSON 1608

1. Levee patrol, started pump four times, cleaned well and surrounding area. Met with PG&E, AT&T, and Phil our spray man.
2. Met with Chris Newdeck, KSN, regarding homeowners permits in new computer program.
3. Met with Caltrans four times. They installed rocks West side of I-5, will be mowing high vegetation West/East side I-5, South East levee.
4. Met with KSN engineers and Caltrans regarding low area East of I-5.
5. Pulled a 55 gallon barrel from water North West, pulled some rocks from levee.
6. Homeowner called about opening South West gates for barbeque party in his back yard.
7. Fisherman, four men and family of five on North East Levee.
8. Homeless man living on North East levee, Plymouth East. We cleaned up.
9. Graffiti North East I-5 wall.
10. Our security wire fence cut three times. Repaired.
11. We are making good progress with black top job.
12. John and Lori Equinoa, 3921 Fort Donaldson Drive, Equinoa4@SBCglobal.net. Phone numbers home 209-957-4259, cell 209-609-4367.
13. Ivy from Lincoln Village Apartments
14. Met with engineer from KSN and Nick, beaver trapper, on North West levee.
15. Homeless under I-5, five times they tried to move in.
16. Met with Lonnie, levee superintendent.
17. Had annual maintenance done on two generators? Replaced two seals and repair one oil leak.
18. Rearranged storage bin, will be able to start generators every week.
19. Met with San Joaquin County and KSN at the weir pump station. Inspection?
20. Home owner asked to install chicken bins in his yard. Chris said no.
21. Received call from apartment manager, South East levee fence?
22. Checked emergency pipe North West Saturday, Sunday, and Monday. Summer pipe running.
23. Report on beavers, none found.
24. INSPECTION eleven pipes through levee.
25. Why I drive slow Fourteen Mile Drive and Embarcadero Drive.???
26. Seven calls regarding people on levee Memorial Day.

RECLAMATION DISTRICT 1608
FINANCIAL REPORT JUNE 1, 2016, MEETING
% OF FISCAL YEAR ELAPSED THROUGH MAY 31, 2016 - 91.6%

Budget Item	Budget Amount	Expended MTD	Expended YTD	% YTD
<u>Operations & Maintenance Expenses</u>				
Levee Superintendent (includes payroll taxes, auditor expenses)	\$60,000.00	\$4,274.42 *	\$54,302.68	90.50%
Fences & Gates	25,000.00	727.80	1,066.75	4.27%
Locks & Signs	2,000.00	0.00	1,471.77	73.59%
Weed and Rodent Control & Clean up	15,000.00	0.00	9,250.00	61.67%
Levee Repair Fund	125,000.00	4,610.00	145,350.17	116.28%
Pump System Maintenance	500.00	21.41	231.72	46.34%
Cellular Telephone (includes wireless computer services)	1,400.00	50.08	1,323.13	94.51%
Emergency Equipment & Supplies	1,000.00	0.00	120.00	12.00%
District Vehicle (Fuel, Maintenance and Repairs)	5,328.00	157.67	4,934.85	92.62%
Totals	\$235,228.00	\$9,841.38	\$218,051.07	92.70%
<u>General Expenses</u>				
Trustee Fees	\$6,000.00	\$300.00	\$4,000.00	66.67%
Secretary Fees	8,000.00	690.00	7,345.00	91.81%
Office Expenses (includes storage facility and pdf file conversion)	1,750.00	0.00	332.66	19.01%
Legal	55,000.00	2,600.55	38,915.60	70.76%
Auditing	3,000.00	0.00	2,950.00	98.33%
County Administration Costs	6,000.00	0.00	7,002.96	116.72%
Liability Insurance	8,200.00	0.00	6,738.00	82.17%
Workers Comp Insurance	8,000.00	651.17	7,625.95	95.32%
Automobile Insurance	2,000.00	0.00	1,387.00	69.35%
Election Costs	3,000.00	0.00	171.57	5.72%
Newsletters & Public Communications	9,000.00	4,453.61	8,894.63	98.83%
Totals	\$109,950.00	\$8,695.33	\$85,363.37	77.64%
<u>Engineering Expenses</u>				
General Engineering	\$80,000.00	\$46,707.00	\$243,628.44	304.54%
Miscellaneous Expenses (e.g. travel)	1,000.00	0.00	0.00	0.00%
Assessment Engineering	5,500.00	0.00	5,000.00	90.91%
Sediment Removal Project	0.00	0.00	0.00	0.00%
Totals	\$86,500.00	\$46,707.00	\$248,628.44	287.43%
<u>Shared District Expenses</u>				
RD 2119 Elmwood Tract	\$30,000.00	\$0.00	\$0.00	0.00%
Totals	\$30,000.00	\$0.00	\$0.00	0.00%
Total Expense Budget	\$461,678.00	\$65,243.71	\$552,042.88	119.57%

Sediment Removal Project Amount Expended to Date: \$237,950.45

Part-Time Temporary Employees: \$760.82

*Does not include payroll taxes for Levee Superintendent and part-time temporary workers.

<u>Budget Item</u>	<u>Anticipated Income</u>	<u>Income MTD</u>	<u>Income YTD</u>	<u>%YTD</u>
<u>Income</u>				
Property Taxes	\$200,000.00	\$0.00	\$193,694.81	96.85%
Interest Income	5,000.00	0.00	7,375.00	147.50%
Assessments	298,000.00	0.00	306,280.35	102.78%
Levee Subventions	70,428.00	0.00	0.00	0.00%
Totals	\$573,428.00	\$0.00	\$507,350.16	88.48%

Cash On Hand

Fund Balance as of July 1, 2015	\$1,865,932.82
Revenues (YTD), as of May 31, 2016	507,938.48
Expenses (YTD), as of May 31, 2016	462,752.69
TOTAL CASH	<u>\$1,911,118.61</u>
 Cash On Hand (Exclusive of Reserves)	 <u>\$511,118.61</u>

Reserves

Capital Improvement Reserve	\$500,000.00
Board-designated reserve	\$900,000.00