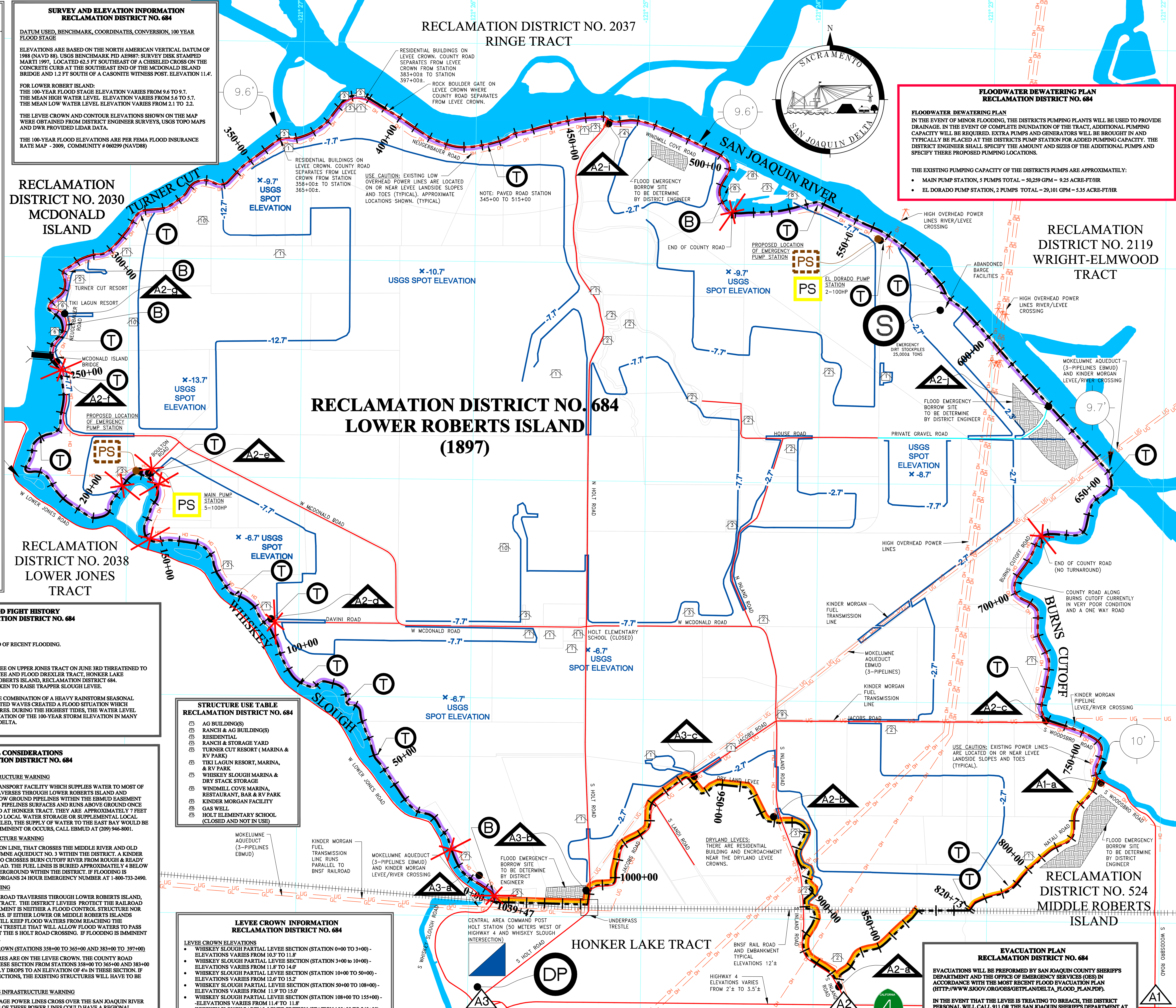
LOWER ROBERTS ISLAND – RECLAMATION DISTRICT NO. 684
ANNEX A – FLOOD CONTINGENCY MAP
SAN JOAQUIN COUNTY



LEGEND

- 100 - YEAR FLOOD ELEVATION FLOOD INSURANCE STUDY SAN JOAQUIN COUNTY F.E.M.A. 2009 - NUMBER 06077CV001A
- LOGISTICS BASE
- COMMAND POST
- SUPPLY DELIVERY POINT (RECLAMATION DISTRICT NO. 684)
- SUPPLY STAGING AREA
- TEMPORARY LEVEE/ EMERGENCY BERM
- SEEPAGE AREA
- HISTORIC LEVEE BREACH
- LEVEE BREACH
- RELIEF CUT
- EROSION AREA
- LEVEE ACCESS POINT
- ACCESS POINT FROM HIGHWAY 4
- TRUCK TURN AROUND AND PASSING AREA
- BOAT LAUNCHING FACILITY
- DRYLAND LEVEE/EMBANKMENT
- DRYLAND LEVEE/EMBANKMENT (LOW OR CRITICAL SECTION)
- LEVEE
- L.M.=1.0 LEVEE MILE
- R.M.=1.0 RIVER MILE
- 150+00 STATION
- LEVEE CROWN SPOT ELEVATION
- SANITARY SEWER PUMP STATION
- MUNICIPAL STORM PUMP STATION
- DISTRICT'S DRAINAGE PUMP STATION
- SITE FOR EMERGENCY PUMP STATION
- WATER WELL
- MUNICIPAL FACILITIES SANITARY SEWER LINES
- STORM DRAIN LINES
- WATER LINES
- STRUCTURES (SEE STRUCTURE USE TABLE)
- DISTRICT BOUNDARY
- 1978 NGVD29 USGS CONTOURS ADJ. TO NAVD88 (+2.3)
- EXISTING STREETS (PAVED)
- PRIVATE ROAD (USE ONLY AS DIRECTED BY DISTRICT ENGINEER)
- GATE ON LEVEE CROWN
- OVERHEAD TRANSMISSION LINES
- UNDERGROUND PIPELINES
- GROUND LEVEL PIPELINES
- BNSF RAIL ROAD & EMBANKMENT

SURVEY AND ELEVATION INFORMATION
RECLAMATION DISTRICT NO. 684

DATUM USED, BENCHMARK, COORDINATES, CONVERSION, 100 YEAR FLOOD STAGE

ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), USGS BENCHMARK PID AE9887: SURVEY DISK STAMPED MARTI 1997, LOCATED 62.5 FT SOUTHEAST OF A CHISELED CROSS ON THE CONCRETE CURB AT THE SOUTHEAST END OF THE MCDONALD ISLAND BRIDGE AND 1.2 FT SOUTH OF A CASONITE WITNESS POST. ELEVATION 11.4'.

FOR LOWER ROBERT ISLAND:
THE 100-YEAR FLOOD STAGE ELEVATION VARIES FROM 9.6 TO 9.7.
THE MEAN HIGH WATER LEVEL ELEVATION VARIES FROM 5.6 TO 5.7.
THE MEAN LOW WATER LEVEL ELEVATION VARIES FROM 2.1 TO 2.2.

THE LEVEE CROWN AND CONTOUR ELEVATIONS SHOWN ON THE MAP WERE OBTAINED FROM DISTRICT ENGINEER SURVEYS, USGS TOPO MAPS AND DWR PROVIDED LIDAR DATA.

THE 100-YEAR FLOOD ELEVATIONS ARE PER FEMA FLOOD INSURANCE RATE MAP - 2009, COMMUNITY # 060299 (NAVD88)

FLOOD FIGHT HISTORY
RECLAMATION DISTRICT NO. 684

RECENT FLOOD HISTORY

LOWER ROBERT ISLAND HAS NO RECORD OF RECENT FLOODING.

RECENT FLOOD SITUATIONS

2004 - FAILURE OF MIDDLE RIVER LEVEE ON UPPER JONES TRACT ON JUNE 3RD THREATENED TO OVERTOP TRAPPER SLOUGH LEVEE AND FLOOD DREXLER TRACT, HONKER LAKE TRACT AND POSSIBLY LOWER ROBERTS ISLAND, RECLAMATION DISTRICT 684. EMERGENCY ACTIONS WERE TAKEN TO RAISE TRAPPER SLOUGH LEVEE.

2006 - DURING NEW YEARS IN 2006 THE COMBINATION OF A HEAVY RAINSTORM SEASONAL HIGH TIDES AND WIND-GENERATED WAVES CREATED A FLOOD SITUATION WHICH REQUIRED FLOOD FIGHT MEASURES. DURING THE HIGHEST TIDES, THE WATER LEVEL NEARLY OR REACHED THE ELEVATION OF THE 100-YEAR STORM ELEVATION IN MANY LOCATIONS THROUGHOUT THE DELTA.

SPECIAL CONSIDERATIONS
RECLAMATION DISTRICT NO. 684

MOKELUMNE AQUEDUCT NO. 3 INFRASTRUCTURE WARNING

EBMUD OWNS THE PRIMARY WATER TRANSPORT FACILITY WHICH SUPPLIES WATER TO MOST OF THE EAST BAY AREAS. THE PIPELINE TRAVERSES THROUGH LOWER ROBERTS ISLAND AND HONKER LAKE TRACT. THERE ARE 3 BELOW GROUND PIPELINES WITHIN THE EBMUD EASEMENT THROUGH LOWER ROBERT ISLAND. THE PIPELINES SURFACES AND RUNS ABOVE GROUND ONCE THEY CROSS UNDER THE BNSF RAILROAD AT HONKER TRACT. THEY ARE APPROXIMATELY 7 FEET IN DIAMETER. EBMUD HAS VERY LIMITED LOCAL WATER STORAGE OR SUPPLEMENTAL LOCAL SUPPLY SOURCES. IF THE AQUEDUCT FAILED, THE SUPPLY OF WATER TO THE EAST BAY WOULD BE SEVERELY AFFECTED. IF FLOODING IS IMMINENT OR OCCURS, CALL EBMUD AT (209) 946-8001.

KINDER-MORGAN FUEL LINE INFRASTRUCTURE WARNING

THE KINDER MORGAN FUEL TRANSMISSION LINE, THAT CROSSES THE MIDDLE RIVER AND OLD RIVER, RUNS PARALLEL TO THE MOKELUMNE AQUEDUCT NO. 3 WITHIN THE DISTRICT. A KINDER MORGAN FUEL TRANSMISSION LINE ALSO CROSSES BURN CUTOFF RIVER FROM ROUGH & READY ISLAND A RUN PARALLEL TO JACOBS ROAD. THE FUEL LINES IS BURIED APPROXIMATELY 4 BELOW THE LEVEE CROSSING AND 10 FEET UNDERGROUND WITHIN THE DISTRICT. IF FLOODING IS IMMINENT OR OCCURS, CALL KINDER-MORGANS 24 HOUR EMERGENCY NUMBER AT 1-800-733-2490.

BNSF RAILWAY INFRASTRUCTURE WARNING

BURLINGTON NORTHERN SANTA FE RAILROAD TRAVERSES THROUGH LOWER ROBERTS ISLAND, MIDDLE ROBERT ISLAND, AND HONKER TRACT. THE DISTRICT LEVEES PROTECT THE RAILROAD EMBANKMENT. THE RAILROAD EMBANKMENT IS NEITHER A FLOOD CONTROL STRUCTURE NOR DESIGNED TO HOLD BACK FLOOD WATERS. IF EITHER LOWER OR MIDDLE ROBERTS ISLANDS FLOOD, THE RAILROAD EMBANKMENT WILL KEEP FLOOD WATERS FROM REACHING THE ADJACENT DISTRICTS. THERE IS AN OPEN TRESTLE THAT WILL ALLOW FLOOD WATERS TO PASS THROUGH. THE TRESTLE IS LOCATED AT THE S HOLT ROAD CROSSING. IF FLOODING IS IMMINENT OR OCCURS, CALL BNSF AT (209) 942-5438.

RESIDENTIAL STRUCTURES ON LEVEE CROWN (STATIONS 358+00 TO 365+00 AND 383+00 TO 397+00)

RESIDENTIAL BUILDINGS AND STRUCTURES ARE ON THE LEVEE CROWN. THE COUNTY ROAD COMES OFF OF THE LEVEE CROWN IN THESE SECTION FROM STATIONS 358+00 TO 365+00 AND 383+00 TO 397+00. THE COUNTY ROAD TYPICALLY DROPS TO AN ELEVATION OF 4± IN THESE SECTION. IF REPAIR IS REQUIRED ON THESE LEVEE SECTIONS, THE EXISTING STRUCTURES WILL HAVE TO BE REMOVED.

PG&E & WAPA HIGH VOLT POWER LINES INFRASTRUCTURE WARNING

REGIONAL PG&E AND WAPA HIGH VOLTAGE POWER LINES CROSS OVER THE SAN JOAQUIN RIVER AND RUN THROUGH THE DISTRICT. LOSS OF THESE POWER LINES COULD HAVE A REGIONAL IMPACT ON ELECTRICAL POWER SUPPLIES. IF FLOODING IS IMMINENT OR OCCURS, CALL PG&E AT (800) 743-5000.

DISTRICT PUMP VULNERABILITY INFRASTRUCTURE WARNING

THE PUMP STATIONS ARE BELOW THE 100-YEAR FLOOD ELEVATION. A CRITICAL EVACUATION STEP IS TO REMOVE THE PUMP MOTORS IN THE EVENT OF LEVEE FAILURE AND INSTALL TEMPORARY PUMPS AND GENERATORS.

HIGHWAY 4

HIGHWAY 4 IS SITUATED DIRECTLY TO THE SOUTH OF THE DISTRICT. IN THE EVENT THE DISTRICT IS INUNDATED BY FLOOD WATERS, HIGHWAY 4 COULD POSSIBLY FLOOD. SEE FLOOD CONTINGENCY OPTIONS FOR FLOOD FIGHTING THE DISTRICTS DRYLAND LEVEES.

MARINE BASED EQUIPMENT

BASED ON THE LIMITED ACCESS FOR TRUCKS, IF THE LEVEE CROWN IS DAMAGED, MARINE EQUIPMENT AND DELIVERY MAY THE BEST MEANS FOR FLOOD FIGHTING A LEVEE FLOOD SITUATION.

ONSITE EMERGENCY BORROW

IN THE EVENT THAT TRUCKS CANNOT ACCESS THE LEVEE, IT MAY BE POSSIBLE TO BORROW MATERIAL FROM THE ADJACENT LAND IN AN EMERGENCY. THE ENGINEER SHALL MAKE THE DETERMINATION OF THE BORROW SITE LOCATION. ANY MATERIAL THAT IS REMOVED WOULD HAVE TO BE REPLACED TO THE PREVIOUS LINES AND GRADES AFTER THE FLOOD SITUATION HAS BEEN REPAIRED.

STRUCTURE USE TABLE
RECLAMATION DISTRICT NO. 684

1. AG BUILDING(S)
2. RANCH & AG BUILDING(S)
3. RESIDENTIAL
4. RANCH & STORAGE YARD
5. TURNER CUT RESORT (MARINA & RV PARK)
6. TIKI LAGUN RESORT, MARINA, & RV PARK
7. WHISKEY SLOUGH MARINA & DRY STACK STORAGE
8. WINDMILL COVE MARINA, RESTAURANT, BAR & RV PARK
9. KINDER MORGAN FACILITY
10. GAS WELL
11. HOLT ELEMENTARY SCHOOL (CLOSED AND NOT IN USE)

LEVEE CROWN INFORMATION
RECLAMATION DISTRICT NO. 684

LEVEE CROWN ELEVATIONS

- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 0+00 TO 3+00) - ELEVATIONS VARIES FROM 10.3' TO 11.8'
- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 3+00 to 10+00) - ELEVATIONS VARIES FROM 11.8' TO 14.0'
- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 10+00 TO 50+00) - ELEVATIONS VARIES FROM 12.6' TO 15.2'
- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 50+00 TO 108+00) - ELEVATIONS VARIES FROM 11.9' TO 15.0'
- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 108+00 TO 155+00) - ELEVATIONS VARIES FROM 11.4' TO 11.8'
- WHISKEY SLOUGH PARTIAL LEVEE SECTION (STATION 155+00 TO 240+00) - ELEVATIONS VARIES FROM 12.4' TO 13.5'
- TURNER CUT LEVEE SECTION (STATION 240+00 TO 385+00) - ELEVATIONS VARIES FROM 11.3' TO 14.2'
- SAN JOAQUIN RIVER PARTIAL LEVEE SECTION (STATION 385+00 TO 450+00) - ELEVATIONS VARIES FROM 12.3' TO 14.3'
- SAN JOAQUIN RIVER PARTIAL LEVEE SECTION (STATION 450+00 TO 478+00) - ELEVATIONS VARIES FROM 14.3' TO 17.1'
- SAN JOAQUIN RIVER PARTIAL LEVEE SECTION (STATION 478+00 TO 652+00) - ELEVATIONS VARIES FROM 13.3' TO 17.3'
- BURNS CUTOFF LEVEE SECTION (STATION 652+00 TO 766+00) - ELEVATIONS VARIES FROM 15.1' TO 19.8'
- NATALI ROAD PARTIAL DRYLAND LEVEE SECTION (STATION 766+00 TO 800+00) - ELEVATIONS VARIES FROM 5.8' TO 8.5'
- NATALI ROAD PARTIAL DRYLAND LEVEE SECTION (STATION 800+00 TO 820+73) - ELEVATIONS VARIES FROM 10.1' TO 11.3'
- RAIL ROAD EMBANKMENT SECTION (STATION 820+73 TO 835+00) - ELEVATIONS 12±
- DRYLAND LEVEE SECTION (STATION 835+00 TO 866+50) - ELEVATIONS VARIES FROM 6.2' TO 7.3'
- S INLAND ROAD DRYLAND LEVEE SECTION (STATION 866+50 TO 961+00) - ELEVATIONS VARIES FROM 4.2' TO 10.2'
- JACOBS ROAD DRYLAND LEVEE SECTION (STATION 961+00 TO 1013+00) - ELEVATIONS VARIES FROM 4.2' TO 10.2'
- RAIL ROAD EMBANKMENT/ PRIVATE GRAVEL ROAD SECTION (STATION 1013+00 TO 1039+47/0+00) - ELEVATIONS 12±

COMMUNICATIONS PLAN
RECLAMATION DISTRICT NO. 684

COMMUNICATIONS EQUIPMENT:

DISTRICT PERSONNEL WILL COMMUNICATE WITH CELLULAR PHONES. LAND LINES WILL BE MAINTAINED AND MONITORED AT THE DISTRICT SECRETARY AND ENGINEERS OFFICE. EMAILS WILL BE USED FOR MULTI AGENCY COORDINATION AND WILL BE PREPARED AND MONITORED BY THE ENGINEER AND SECRETARY.

ALL CELL PHONES ARE EQUIPPED WITH VOICE MAIL WHICH WILL BE MONITORED ON A REGULAR BASIS.

COMMUNICATIONS WITH OTHER JURISDICTIONS:

CELLULAR PHONES, OFFICE LAND LINE PHONES, AND EMAILS WILL BE USED TO COMMUNICATE WITH OUTSIDE JURISDICTIONS. COMMUNICATION WITH CELLULAR PHONES IS THE DISTRICTS BEST ASSURANCE. COMMUNICATIONS STANDARDS WILL BE MET.

EVACUATION PLAN
RECLAMATION DISTRICT NO. 684

EVACUATIONS WILL BE PREFORMED BY SAN JOAQUIN COUNTY SHERIFF'S DEPARTMENT AND THE OFFICE OF EMERGENCY SERVICES (OES) IN ACCORDANCE WITH THE MOST RECENT FLOOD EVACUATION PLAN (HTTP://WWW.SJGOV.ORG/OES/GETPLAN/DELTA_FLOOD_PLAN.PDF).

IN THE EVENT THAT THE LEVEE IS TREATING TO BREACH, THE DISTRICT PERSONAL WILL CALL 911 OR THE SAN JOAQUIN SHERIFF'S DEPARTMENT AT (209) 468-4401 AND THE COUNTY OES AT (209) 953-6200.

THE SAN JOAQUIN COUNTY SHERIFFS DEPARTMENT IS THE RESPONSIBLE AGENCY FOR PUBLIC ALERTS, WARNINGS, AND EVACUATIONS WITHIN THE DISTRICT. THE SHERIFF'S DEPARTMENT IS RESPONSIBLE FOR DETERMINING WHEN PUBLIC EVACUATIONS ARE NECESSARY AND REQUIRED.

TACTICAL PLANS - (PRELIMNARY ENGINEERING DESIGNS)
RECLAMATION DISTRICT NO. 684

P.E.D.S HAVE NOT BEEN PREPARED FOR RECLAMATION DISTRICT NO. 684

FOR TACTICAL INFORMATION/ACTION REFER TO THE FLOOD CONTINGENCY OPTIONS TEXT BOX.

FLOODWATER DEWATERING PLAN
RECLAMATION DISTRICT NO. 684

FLOODWATER DEWATERING PLAN

IN THE EVENT OF MINOR FLOODING, THE DISTRICTS PUMPING PLANTS WILL BE USED TO PROVIDE DRAINAGE. IN THE EVENT OF COMPLETE INUNDATION OF THE TRACT, ADDITIONAL PUMPING CAPACITY WILL BE REQUIRED. EXTRA PUMPS AND GENERATORS WILL BE BROUGHT IN AND TYPICALLY BE PLACED AT THE DISTRICTS PUMP STATION FOR ADDED PUMPING CAPACITY. THE DISTRICT ENGINEER SHALL SPECIFY THE AMOUNT AND SIZES OF THE ADDITIONAL PUMPS AND SPECIFY THERE PROPOSED PUMPING LOCATIONS.

THE EXISTING PUMPING CAPACITY OF THE DISTRICTS PUMPS ARE APPROXIMATELY:

- MAIN PUMP STATION, 5 PUMPS TOTAL = 50,259 GPM = 9.25 ACRE-FT/HR
- EL DORADO PUMP STATION, 2 PUMPS TOTAL = 29,101 GPM = 5.35 ACRE-FT/HR

FLOOD CONTINGENCY OPTIONS
RECLAMATION DISTRICT NO. 684

LEVEE BREACH FLOOD

LOWER ROBERTS ISLAND SLOPES FROM SOUTH EAST (2.3 FT) TO NORTH WEST (-14 FT). THE EXTENT AND TIME OF FLOODING WILL BE AFFECTED BY THE LOCATION OF THE BREACH. IN THE EVENT OF A LEVEE BREACH, THE WATER WILL BEGIN TO BUILD UP AT THE PUMP STATIONS AND RAISE THE LEVEL IN THE DISTRICTS DITCHES GENERALLY FILLING THE TRACT FROM NORTH WEST TO SOUTH EAST. THE DITCHES WILL OVERFLOW AND BEGIN TO INUNDATE THE LOWER LYING LAND IN THE EVENT OF A LEVEE BREACH. THE WATERS WILL BEGIN TO BUILD UP AT NATALI ROAD DRYLAND LEVEE, S INLAND ROAD DRYLAND LEVEE, JACOBS ROAD DRYLAND LEVEE, AND THE RAIL ROAD EMBANKMENT. PORTIONS OF THESE DRYLAND LEVEE SECTIONS DO NOT MEET THE 100-YEAR FLOOD LEVELS (ELEVATIONS RANGING FROM 4.2' TO 12±). IF THE DISTRICT IS INUNDATED WITH FLOOD WATERS, THE DRYLAND LEVEES MAY NOT PREVENT HIGHWAY 4 FROM FLOODING. THE ADJACENT DISTRICTS MAY BE AT RISK AS WELL. THE GENERAL FLOOD FIGHT STRATEGY WILL BE TO REPAIR THE BREACH IN ACCORDANCE WITH THE DISTRICT ENGINEER. THE STRATEGY IS TO PUMP OUT ANY FLOOD WATERS AND PREVENT MOVEMENT OF FLOODWATERS INTO HONKER LAKE DISTRICT AND MIDDLE ROBERTS DISTRICT BY FLOOD FIGHTING AND RAISING THE DRYLAND LEVEE SECTIONS.

INUNDATION OF ADJACENT TRACTS AND ISLANDS

IN THE EVENT OF UPPER ROBERTS ISLAND, MIDDLE ROBERTS ISLAND, HONKER LAKE TRACT, OR DREXLER TRACT FLOODING, THE DISTRICT'S DRYLAND LEVEES WILL BE REQUIRED TO RESIST THE WATER FROM THE SOUTH. THE GENERAL FLOOD FIGHT STRATEGY WILL BE TO PREVENT MOVEMENT OF FLOODWATERS FROM THE SOUTH BY FLOOD FIGHTING AND RAISING THE DRYLAND LEVEE SECTIONS, ORGANIZE FLOOD FIGHT ACTIVITIES WITH THE ADJACENT DISTRICTS, AND PARTICIPATE IN CENTRAL DELTA FLOOD FIGHT UNIFIED COMMAND POST, HOLT STATION, AT THE INTERSECTION OF HIGHWAY 4 AND WHISKEY SLOUGH ROAD.

DISTRICT DRAINAGE SYSTEM CAUSED FLOOD

THE ONLY WAY FOR WATER TO BE DISCHARGED FROM THE DISTRICT IS BY MEANS OF THE DISTRICTS PUMP STATIONS. IN THE EVENT OF A POWER OUTAGE OR A MALFUNCTION OF THE PUMPS, WATERS WILL BACK UP AT THE PUMP STATIONS FILLING THE DISTRICTS DITCHES AND START INUNDATING THE DISTRICT. THE GENERAL STRATEGY WILL BE TO REPAIR AND REPLACE THE PUMPS AND PROVIDE ADEQUATE POWER TO THE PUMPS BY BRINGING IN GENERATORS. IN THE EVENT LOWER ROBERTS ISLAND POWER GRID IS DOWN, AN ADDITIONAL OPTION TO TO CONNECT TO BROOKSIDE'S POWER GRID NEAR THE EL DORADO PUMP STATION.

PATROL PLAN
RECLAMATION DISTRICT NO. 684

RD684 RESPONSIBLE OFFICIALS: JOHN ARMANINO - BOARD PRESIDENT
KURT SHARP - TRUSTEE
ROBERT GIOVANNONI - TRUSTEE

DOMINICK GULLI - DISTRICT ENGINEER
(GREEN MOUNTAIN ENGINEERING)

DANTE NOMELLINI - ATTORNEY AND SECRETARY
(NOMELLINI, GRILLI & MCDANIEL)

THE DISTRICTS COMMAND CENTER AND THE CENTRAL AREA UNIFIED COMMAND POST IS TO MEET AND MAKE DECISIONS DURING AN EMERGENCY IS LOCATED 50 METERS WEST OF HIGHWAY 4 AND WHISKEY SLOUGH ROAD INTERSECTION (SUPPLY AND DELIVERY POINT).

LEVEE PATROLS WILL BE ORGANIZED BY THE LEVEE SUPERINTENDENT. PATROLLERS WILL REPORT ANY FLOOD SITUATIONS TO THE SUPERINTENDENT. IF THE SITUATION REQUIRES ACTION, IT WILL BE REPORTED TO THE ENGINEER, AND REPAIRS OR ACTIONS WILL BE TAKEN. IF BOARD ACTION IS REQUIRED, IT CAN BE INITIATED OVER THE PHONE.

THE DISTRICT WILL MONITOR THE CALIFORNIA DATA EXCHANGE CENTER (CDEC) GAUGES BY USING THE FOLLOWING STATION GAGES AND INFORMATION SOURCE IN ITS OVERALL MONITORING EFFORT; M=MONITOR STAGE (PATROLS WILL BE ACTIVATED), F=FLOOD STAGE AND D=DANGER STAGE. THE FOLLOWING STATIONS ARE ON THE NAVD88 DATUM.

- MOKELUMNE RIVER AT BENSONS FERRY NEAR THORNTON (BEN) (M=12.0, F=17.0)
- SACRAMENTO RIVER AT RIO VISTA BRIDGE (RVB) (M=7.4, F=11.9, D=12.9)
- SAN JOAQUIN RIVER AT MOSSDALE BRIDGE (MSD) (M=19.5, F=28.5, D=29.5)
- DELTA POOL: BACON ISLAND AT OLD RIVER (BAC) (M=6, F=8, D=9)

IDENTIFYING AND MARKING PROBLEM SITES WILL BE IN ACCORDANCE WITH THE DWR'S LEVEE TREAT MONITORING GUIDELINES. REPORTING WILL BE IN ACCORDANCE WITH THE DWR'S ENGINEER'S LEVEE THREAT ASSESSMENT DOCUMENT AND THE STATE OF CALIFORNIA'S OFFICE OF EMERGENCY SERVICES AFTER ACTION REPORT.

LATH PROTOCOL:

- RED - BIOL/SEEPAGE
- BLUE - ROCK SLIPPAGE
- WHITE - SLOPE/LEVEE DISTRESS

PRE-PLANNED DELIVERY POINTS, UNIFIED FLOOD FIGHT COMMAND POST, AND LEVEE ACCESS ROUTES
RECLAMATION DISTRICT NO. 684

PRE-PLANNED DELIVERY POINTS AND LEVEE ACCESS ROUTES
LEVEE MATERIALS WILL BE DELIVERED DIRECTLY TO THE SECTION OF LEVEE THAT REQUIRES REPAIRS. ACCESS IS LIMITED TO SPECIFIC PREDETERMINED ROUTES DEPENDING ON THE LOCATION. THE ACCESS AND ROUTES FOR THE SPECIFIC LEVEE SECTIONS ARE AS FOLLOWS (ROUTES CAN BE REVERSED IF NEEDED):

LEVEE STATION 0+00 TO 110+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. WHISKEY SLOUGH ROAD AT HIGHWAY 4 ACCESS POINT A3. FOLLOW WHISKEY SLOUGH ROAD AND AT 4 WAY STOP SIGN PROCEED STRAIGHT. CROSS THE RAILROAD TRACTS. ENTER WHISKEY SLOUGH MARINA TO ACCESS THE LEVEE CROWN AT LEVEE ACCESS POINT A3-a. FOLLOW THE LEVEE CROWN ROAD AND EXIT AT LEVEE ACCESS POINT A2-d AT DAVINI ROAD. FOLLOW DAVINI ROAD UNTIL IT TURNS INTO W. MCDONALD ROAD. FOLLOW MCDONALD ROAD AND TURN SOUTH BOUND ON S. INLAND ROAD. FOLLOW S. INLAND ROAD TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 110+00 TO 174+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD ONTO W. MCDONALD ROAD. FOLLOW W. MCDONALD ROAD TO DAVINI ROAD. FOLLOW DAVINI ROAD TO LEVEE CROWN AT LEVEE ACCESS POINT A2-d. FOLLOW THE LEVEE CROWN ROAD NORTH BOUND TO LEVEE ACCESS POINT A2-e AT BOULTON ROAD. EXIT LEVEE CROWN AND FOLLOW BOULTON ROAD TO MCDONALD ROAD. TURN SOUTH BOUND ON MCDONALD ROAD. FOLLOW MCDONALD ROAD ONTO S. INLAND ROAD. FOLLOW S. INLAND ROAD TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 174+00 TO 255+00
FROM HIGHWAY 4 TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD ONTO W. MCDONALD ROAD. FOLLOW W. MCDONALD ROAD TO BOULTON ROAD. TURN LEFT AND FOLLOW BOULTON ROAD TO LEVEE CROWN AT LEVEE ACCESS POINT A2-e. FOLLOW THE LEVEE CROWN ROAD NORTH BOUND TO LEVEE ACCESS POINT A2-f, AT THE MCDONALD ISLAND BRIDGE. EXIT LEVEE CROWN AND TURN SOUTH BOUND ON MCDONALD ROAD. FROM MCDONALD ROAD TURN SOUTH BOUND ON S. INLAND ROAD. FOLLOW S. INLAND ROAD TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 255+00 TO 270+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD AND TURN WEST BOUND ON W. MCDONALD ROAD. FOLLOW W. MCDONALD ROAD TO MCDONALD ISLAND BRIDGE AT LEVEE ACCESS POINT A2-f. FOLLOW THE LEVEE CROWN ROAD TO LEVEE ACCESS POINT A2-g. EXIT LEVEE CROWN AND TURN SOUTH BOUND MCDONALD ISLAND ROAD AND EXIT THE SAME WAY TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 270+00 TO 462+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD ONTO W. MCDONALD ROAD. FOLLOW W. MCDONALD ROAD TO MCDONALD ISLAND TO TIKI LAGUN RESORT AT LEVEE ACCESS POINT A2-g. FOLLOW THE LEVEE CROWN ROAD NORTH BOUND TO LEVEE ACCESS POINT A2-i EXIT LEVEE CROWN AND TURN SOUTH BOUND ON N. HOLT ROAD AND FOLLOW N. HOLT ROAD TO MCDONALD ISLAND ROAD. TURN EAST BOUND ON MCDONALD INLAND ROAD. FOLLOW MCDONALD INLAND ROAD ONTO S. INLAND ROAD. FOLLOW S. INLAND ROAD TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 462+00 TO 625+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD ONTO W. MCDONALD ROAD. FOLLOW W. MCDONALD ROAD AND TURN NORTH BOUND ON N. HOLT ROAD. FOLLOW N HOLT ROAD TO THE LEVEE CROWN AT LEVEE ACCESS POINT A2-i. FOLLOW THE LEVEE CROWN ROAD EAST BOUND TO LEVEE ACCESS POINT A2-j AT THE PRIVATE GRAVEL ROAD. EXIT LEVEE CROWN AND FOLLOW THE PRIVATE GRAVEL ROAD AND CONTINUE ON HOUSE ROAD TO INLAND ROAD. TURN SOUTH BOUND ON S. INLAND ROAD AND FOLLOW S. INLAND ROAD TO HIGHWAY 4 AT HIGHWAY 4 ACCESS POINT A2.

LEVEE STATION 725+00 TO 765+00
FROM HIGHWAY 4, TURN NORTH BOUND ON S. INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. FOLLOW INLAND ROAD AND TURN EAST BOUND ON HOUSE ROAD. FOLLOW HOUSE ROAD TO THE PRIVATE GRAVEL ROAD. FOLLOW THE PRIVATE GRAVEL ROAD TO THE LEVEE CROWN AT LEVEE ACCESS POINT A2-j. FOLLOW THE LEVEE CROWN ROAD EAST BOUND TO LEVEE ACCESS POINT A1-a. FOLLOW S. WOODSBRO ROAD TO HIGHWAY 4 AT ACCESS POINT A1.

LEVEE STATION 765+00 TO 820+43
FROM HIGHWAY 4, TURN NORTH BOUND ON WOODSBRO ROAD AT HIGHWAY 4 ACCESS POINT A1. FOLLOW WOODSBRO ROAD TO LEVEE ACCESS POINT A1-a. TURN ONTO NATALI ROAD AT STATION. FOLLOW NATALI TO END AT RAILROAD TRACTS. TURN AROUND AND EXIT THE SAME WAY TO HIGHWAY 4.

LEVEE STATION 866+50 TO 835+00
FROM HIGHWAY 4, TURN NORTH BOUND ON INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. ACCESS THE LEVEE CROWN AT LEVEE ACCESS POINT A2-a. TURN RIGHT ON THE DRYLAND LEVEE CROWN AND FOLLOW LEVEE TO RAIL ROAD EMBANKMENT. TURN AROUND AND EXIT THE SAME NATALI ROAD AT STATION. FOLLOW NATALI TO END AT RAILROAD TRACTS. TURN AROUND AND EXIT THE SAME WAY TO HIGHWAY 4.

LEVEE STATION 866+50 TO 961+00
FROM HIGHWAY 4 TURN NORTH BOUND ON INLAND ROAD AT HIGHWAY 4 ACCESS POINT A2. ACCESS THE LEVEE CROWN AT LEVEE ACCESS POINT A2-b. TURN LEFT ON THE DRYLAND LEVEE CROWN AND FOLLOW LEVEE CROWN TO S HOLT ROAD. FOLLOW S HOLT ROAD TO HIGHWAY 4 ACCESS POINT A3.

DISTRICT'S COMMAND CENTER AND CENTRAL AREA UNIFIED COMMAND POST (HOLT STATION)
THE DISTRICTS COMMAND CENTER AND THE CENTRAL AREA UNIFIED COMMAND POST IS WHERE THE DISTRICT WILL MEET AND MAKE DECISIONS DURING AN EMERGENCY. THEY ARE LOCATED 50 METERS WEST OF HIGHWAY 4 AND WHISKEY SLOUGH ROAD INTERSECTION (SUPPLY AND DELIVERY POINT).

STAGING POINTS
IN THE EVENT ONLY SMALL MOBILE 10 WHEEL DUMP TRUCKS CAN BE USED (DUE TO ONE WAY ACCESS), MATERIALS CAN BE DELIVERED IN LARGER TRUCKS TO STAGING AREAS AND LOADED INTO THE SMALLER TRUCKS. THE DISTRICT'S COMMAND CENTER AREA WILL BE THE MAIN STAGING AREA. ADDITIONAL STAGING AREAS MAY BE SPECIFY BY THE DISTRICT, DEPENDING ON THE FLOOD LOCATION. THESE AREAS CAN ALSO BE USED AS MEETING POINT FOR DELIVERIES MADE BY SUPPLIERS NOT FAMILIAR WITH LOWER ROBERTS TRACT.

HORIZONTAL AND VERTICAL GRAPHIC SCALE: 1" = 1,000'
1,000 0 500 1,000 2,000 4,000

PROJECT NO:	684-30
DRAWN BY:	GME
DESIGN BY:	SJB
CHECK BY:	DG
SCALE:	AS SHOWN
DATE:	2016-02
CAD FILE:	LOWERROBERTSISLAND.DWG

SHEET NO. 1 OF 1 SHEETS

REV. DATE

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SAN JOAQUIN COUNTY CALIFORNIA