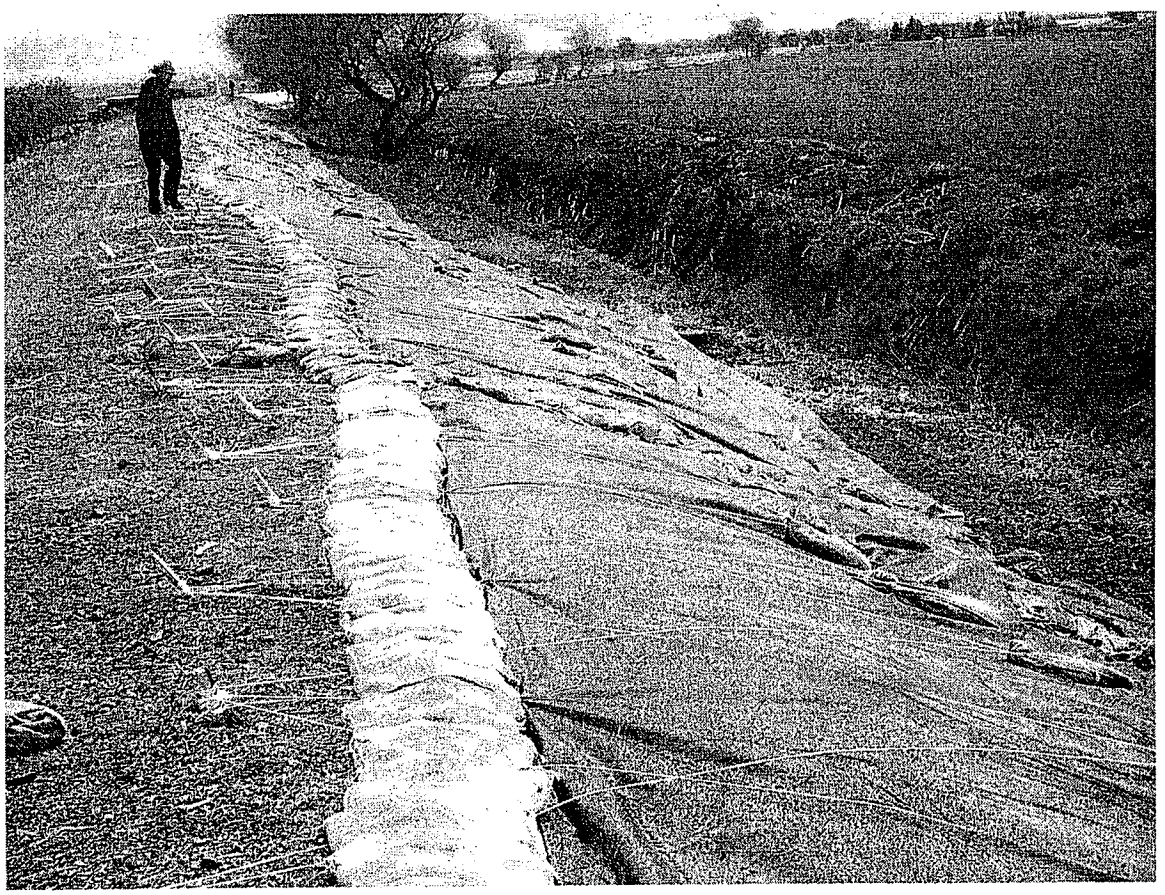
INCIDENT ACTION PLAN

"2006 APRIL STORM"

DELTA I.C.T.

Tuesday APRIL 11, 2006



Wm. Burkhard

Bill Burkhard
INCIDENT COMMANDER

INCIDENT OBJECTIVES	1. Incident Name 2006 APRIL STORM	2. Date 04 / 10 / 06	3. Time 2130

4. Operational Period

TUESDAY APRIL 11, 2006 0700 - 1900

5. General Control Objectives for the Incident (include alternatives)

Provide for the safety and welfare of incident personnel.

Collaborate with the county E.O.C.'s and Reclamation Districts to protect life and prevent flood damage to infrastructure and property.

Complete current levee enhancements.

Maintain crew response readiness for any flood related event.

Respond to reported threats.

Identify & apply rock to erosion sites.

6. Weather Forecast for Period

Today: Rain likely, highs around 64', Southeast winds 10 – 20 mph.

Tonight: Rain likely, lows around 48', Southeast winds 10 – 20 mph

River stage info: 4-10-06 approx. 2000 hrs.

Vernalis Gauging Station, San Joaquin River at Airport Way. Current stage – 28.03' ... forecast to fluctuate near 28' through late Wednesday morning.

Mossdale Gauging Station , San Joaquin River at Hwy. 120. Current stage – 16.10' ... forecast to fluctuate near 16' through late Wednesday morning.

7. General Safety Message

Group Supervisors must provide safety briefings covering the attached ICS 215A Hazard Mitigation for their personnel. Maintain situational awareness and adjust operations as needed through the course of the period.

In the event an immediate withdrawal from the worksite by crews is necessary, the following routes are designated for emergency egress:

Airport Way to Hwy. 120 / Trahern Rd. to Manteca Rd. to Hwy. 120 / Perrin Rd. to Airport Way to Hwy. 120. Stage at the Kohls parking lot, Airport Way @ Hwy. 120.

8. Attachments (mark if attached)

x Organization List - ICS 203	x Medical Plan - ICS 206	x Unit Log - ICS 214
x Div. Assignment Lists - ICS 204	x Phone List	x IIPP6
x Communications Plan - ICS 205	x Travel/Camp Maps	x

9. Prepared by (Planning Section Chief)	10. Approved by (Incident Commander)
B. Lodge RESL	Bill Burkhard I.C.

ORGANIZATION ASSIGNMENT LIST

1. Incident Name

2006 April Storm

2. Date	3. Time
4/10/06	2230

4. Operational Period

4/11/06 0700 - 1900

Position	Name
5. Incident Commander and Staff	
Incident Commander	**Bill Burkhard**
Deputy	
Safety Officer	**Kurt Schieber**
Information Officer	**Staffed ... tba**
Liaison Officer	
6. Agency Representative	
Agency	Name
CDF	**Jeff Millar**
OES	**Brenna Howell**
COE	**John Sisley**
CDC	**Chris Bradbury / Ray Stewart**
7. Planning Section	
Chief	**John Shelton**
Deputy	**Kevin O'Meara**
Resources Unit	**Bruce Lodge**
Situation Unit	**Cindy Moffett**
Documentation Unit	
Demobilization Unit	
Technical Specialists	
Human Resources	
Training	
Crew Tech Spec	**Julie Honer**
Environmental Tech. Spec.	**Bonnie Ross**
Const. Tech Spec	**Rich Bernett**
8. Logistics Section	
Chief	**Jerry Bare**
Deputy	**Darrel Wolf**
Supply Unit	**Jeremy Deffer**
Base Camp Mngr.	**Tim Vice**
Ground Support Unit	
Communications Unit	**Terry Howell**
Medical Unit	
Security Unit	
Food Unit	**Vick Loftin**

9. Operations Section		
Chief	**Clay Thomas**	
Deputy	**Dave Williams**	
a. Branch I- Division/Groups		
Branch Director		
Deputy		
Division/Group	**Veg. Re.**	
Division/Group	**Sandbag**	**Tim Shill**
Division/Group	**Plastic**	**Ted Skidgel**
Division/Group		
Division/Group		
	Staging	**Rob Withrow**
b. Branch II - Division/Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
c. Branch III - Division/Groups		
Branch Director		
Deputy		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
d. Air Operations Branch		
Air Operations Branch Director		
Air Attack Supervisor		
Air Support Supervisor		
Helicopter Coordinator		
Air Tanker Coordinator		
10. Finance Section		
Chief	**Sonya Zamora**	
Deputy	**Rommie Jones**	
Time Unit CDF	**John Bryden**	
Time Unit DWR	**Jane Schafer-Kramer**	
Compensation/Claims Unit		
Cost Unit		

Prepared by (Resource Unit Leader)

Bruce Lodge

SAFETY MESSAGE

"2006 APRIL STORM"

TUESDAY APRIL 11, 2006

WORKSITE:

- Supervisors ... brief your crews daily and before starting new tasks.
  - Record your briefings on the IIPP-6 attached
- Wear PPE appropriate for your specific assignment.
- Lift with your legs;, get help; protect your back.
- "*Keep your dime*" and maintain solid footing when working on rough and/or sloping ground.
- Know and adhere to agency policy regarding working near standing or flowing water. PFD's will be available when needed.
- Flood waters are routinely contaminated; avoid contact whenever possible.

TRAVEL:

- Follow all traffic laws.
- Drive defensively; as weather deteriorates slow down.
- New state law requires headlights to be in use whenever wipers are activated.

Kurt Schieber

Kurt Schieber - Incident Safety Officer

Safety Analysis and Mitigation Plan

DWR/ICS-215A October 2005

Incident name: 2006 April Storm

Division/ Group/ Other Location	Work Assignments	Driving: levee / road	Rapid egress by crews	Working around water	Inadequate communication	Identified Risks: Contaminated flood waters	Chainsaw use	Finger / hand blisters	Back strain	Hypothermia	Unfamiliar with access/egress		Mitigation Actions
group	Vegetation Removal	X	X	X	X	X	X		X	X	X		Follow Traffic Plan and map; use headlights and windshield wipers. Follow Egress Plan map; gather at Kohls staging; account for all personnel.
group	Sand Bagging	X	X	X	X	X			X	X	X		Wear boots, waders, and PFD's, use safety lines.
													Avoid all contact with flood waters; rinse tools, gear, and PPE; wash hands; shower.
group	Plastic Installation	X	X	X	X	X		X	X	X	X		Follow Communication Plan.
													Sawyers and swampers use standard safety gear and approved techniques.
group	Inspection	X		X	X	X				X	X		Wear specialized gloves provided.
													Use proper lifting and carrying techniques; get help for heavy loads.
group	Geo - Tech	X		X	X	X				X	X		Wear raingear; stay warm; drink plenty of fluids; stay out of wind and rain whenever possible.
													Familiarize yourself with maps before departure; get directions from locals; use GPS; travel with a cell phone; tell someone your intended route.
All Risk	Prepared By: (Date & Position)				Paul Avila SOF / B Lodge RESL								

Date & Time	Operational Period
MONDAY	TUESDAY
April 10, 2006	April 11, 2006
1030hrs	0700 - 1900

KS

INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name 2006 April Storm	2. Date/Time Prepared 4/10/0 1600	3. Operational Period Date/Time 4/11/06 0700 - 1900

4. Basic Radio Channel Utilization

Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
King	CDF Command II	Command	RX 151.265 TX 158.330 / T-3	Incident Command	Utilize Tone 3 (Fq. 131.8)
King	CDF Tac - 8	Tac – Net	RX 151.370 TX 151.370	Incident Tac - Net	
DWR	DWR Mt. Diablo	DWR	RX 151.205 TX 159.465	DWR Communications	If programmed into King HT, utilize Tone 4 (Fq. 136.5)
King NIFC					
King NIFC					
King NIFC					
King NIFC					
King NIFC					

5. Prepared by (Communications Unit)

DIVISION ASSIGNMENT LIST	1. Branch - - -	2. Division/Group VEGETATION REMOVAL
3. Incident Name 2006 APRIL STORM	4. Operational Period Date: 04/11/06 TUESDAY	Time: 0700-1900

5. Operations Personnel

Operations Chief	CLAY THOMAS	Division/Group Supervisor	TED SKIDGEL
Branch Director	- - -	Safety Officer	tba

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
** 9484G PINEGROVE	SAL PONCE	36		DP1 0800	
9476G VALLECITO	KEN HORN	32		DP1 0800	

7. Control Operations

If / when additional vegetation removal needs are identified, these strike teams will be directed to the location by the Operations Chief or designee.

When not required for vegetation removal expect to be directed to sand bags or plastic installation as per the Operations Chief.

Equipment Operators will be assigned as needed by the Operations Chief or designee.

8. Special Instructions

Group Supervisors shall provide a Safety Briefing to their assigned personnel covering the attached ICS 215A Hazard Mitigation plan prior to beginning work. Document this briefing on the Attached IIPP-6 Employee Training Sign-Up sheet.

Turn your ICS – 214 Unit Log in to the Plans Unit after your shift.

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
DWR	TX 151.205 RX 159.465	King NIFC		CDF Command CDF CMD II Tone 3	TX 159.330 RX 151.265	King NIFC	
		King NIFC		Tactical CDF Tac 8	TX 151.370 RX 151.370	King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	04/10/06	2030

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/Group SAND BAGGING
3. Incident Name 2006 APRIL STORM	4. Operational Period Date: 04/11/06 Monday	Time: 0700-1900

5. Operations Personnel

Operations Chief	CLAY THOMAS	Division/Group Supervisor	TIM SHILL
Branch Director		Safety Officer	TOM OLDAG

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
9141G DELTA	RICK MALM / GREG BERTOLLI	31		DP 1 0800	
9140G DELTA	DAN HERNDON	32		DP 1 0800	

7. Control Operations

Filling sandbags and loading onto trucks as needed to complete the levee enhancement.
If / when this task is completed expect crews to be redirected to plastic installation as per the Operations Chief.
Equipment Operators will be assigned as needed by the Operations Chief or designee.

8. Special Instructions

Group Supervisors shall provide a Safety Briefing to their assigned personnel covering the attached ICS 215A Hazard Mitigation plan prior to beginning work. Document this briefing on the Attached IIPP-6 Employee Training Sign-Up sheet.
Turn your ICS – 214 Unit Log in to the Plans Unit after your shift.

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
DWR	TX 151.205 RX 159.465	King NIFC		CDF Command CDF CMD II Tone 3	TX 159.330 RX 151.265	King NIFC	
		King NIFC		Tactical CDF Tac 8	TX 151.370 RX 151.370	King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	04/09/06	1900

DIVISION ASSIGNMENT LIST	1. Branch ICT Strike Team 1	2. Division/Group Seepage Location ~~PLASTIC INSTALLATION~~
3. Incident Name Feather - Yuba ICT ~~2006 APRIL STORM~~ Field Excercise	4. Operational Period Date: ~~04/10/06 MONDAY~~ 4/11/	Time: 0700-1900

5. Operations Personnel

Operations Chief	~~[redacted]Y THOMAS~~ Avery Estrada	Division/Group Supervisor	tba
Branch Director		Safety Officer	~~SCOTT MacDONALD~~

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
~~9480G BASELINE~~	~~KEVIN PATTON~~	~~[redacted]~~		~~[redacted]~~	
~~9481G BASELINE~~	~~GLENDA LEONARD~~	~~[redacted]~~		~~[redacted]~~	
Strike Team 1	Sam Miller	2	No	Seepage Location/11:00am	

7. Control Operations

Install plastic sheeting over shoulders of levee for ~~wave protection~~ seepage control.

Equipment Operators will be assigned as needed by the Operations Chief or designee.

8. Special Instructions

~~Group Supervisors shall provide a Safety Briefing to their assigned personnel covering the attached ICS 215A Hazard Mitigation plan prior to beginning work. Document this briefing on the Attached IIPP-6 Employee Training Sign-Up sheet.~~

~~Turn your ICS – 214 Unit Log in to the Plans Unit after your shift.~~

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
DWR	~~TX 151.205~~ ~~RX 159.465~~	~~King~~ ~~NIFC~~		CDF Command CDF CMD II Tone 3	TX 159.330 RX 151.265	King NIFC	
ICP	c-c 205	King NIFC		Div/Group CDF Tac 8	TX 151.370 RX 151.370	King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	04/09/06	1900

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/Group STAGING
3. Incident Name 2006 APRIL STORM	4. Operational Period Date: 04/11/06 TUESDAY	Time: 0700-1900

5. Operations Personnel

Operations Chief	CLAY THOMAS	Division/Group Supervisor	
Branch Director		Staging Area Manager.	ROB WITHROW Phone #:

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time

7. Control Operations

Staging will be activated as the Trahern levee project reaches conclusion and crews become available. Crews are to maintain standard emergency response readiness in anticipation of immediate need assignments at their quarters adjacent to the incident base. Crews will be designated for reassignment to Staging by the Operations Chief.

8. Special Instructions

Group Supervisors shall provide a Safety Briefing to their assigned personnel covering the attached ICS 215A Hazard Mitigation plan prior to beginning work. Document this briefing on the Attached IIPP-6 Employee Training Sign-Up sheet.

Turn your ICS – 214 Unit Log in to the Plans Unit after your shift.

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
DWR	TX 151.205 RX 159.465	King NIFC		CDF Command CDF CMD II Tone 3	TX 159.330 RX 151.265	King NIFC	
		King NIFC		Div/Group CDF Tac 8	TX 151.370 RX 151.370	King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	04/10/06	2130

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/ **TEAM** **GEO-TECH**
3. Incident Name **2006 APRIL STORM**	4. Operational Period Date: **04/11/06 TUESDAY**	Time: **0700 - 1900**

5. Operations Personnel

Plans Section Chief	John Shelton	Division/**Group Supervisor**	
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
	Lincoln King				
	Steve Manke				
	tba				
	tba				
	2 COE Specialists tba				

7. Control Operations

In cooperation with the COE Specialists, the Geo – Tech team will be assigned inspection duties as needed by the Planning Section Chief or his designee.

8. Special Instructions

Inspection results will be provided to the Situation Unit Leader via written reporting protocal approved by the Planning and Operation Section Chiefs.

Following the morning Operations Briefing Geo-Tech team members will meet with John Shelton, Planning Section Chief, for the specifics of the day's mission.

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		King NIFC		Logistics		King NIFC	
Tactical Div/Group		King NIFC		Air to Ground		King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	4-10-06	2150

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/ TEAM INSPECTION
3. Incident Name **2006 APRIL STORM**	4. Operational Period Date: **04/11/06 TUESDAY**	Time: **0700 - 1900**

5. Operations Personnel

Planning SectionChief	**JOHN SHELTON**	Division/**Group Supervisor**	**tba**
Branch Director		Air Attack Supervisor No.	

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
	SCOTT REBELO				
	MIKE SOUZA				
	ROBERT ADAMS				
	tba				
	tba				
	tba				

7. Control Operations

The Levee Inspection Team/s will be assigned inspection duties as needed by the Planning Section Chief or his designee.

8. Special Instructions

Inspection results will be provided to the Situation Unit Leader via written reporting protocal approved by the Planning and Operation Section Chiefs.

Following the morning Operations Briefing Levee Inspection Team members will meet with John Shelton, Planning Section Chief, for the specifics of the day's mission.

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command		King NIFC		Logistics		King NIFC	
Tactical Div/Group		King NIFC		Air to Ground		King NIFC	

Prepared by (Resource Unit Ldr.)	Approved by (Planning Sect. Ch.)	Date	Time
B. Lodge RESL	John Shelton PSC	4-10-06	2150

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period
	2006 April Storm	4/10/06	1600	4/11 0700-1900

5. Incident Medical Aid Station

Medical Aid Stations	Location	Paramedics	
		Yes	No
Worksite Personnel	On site		X

6. Transportation

A. Ambulance Services

Name	Address	Phone	Paramedics	
			Yes	No
Manteca Amb. Service	Center St. Manteca, CA	(209) 823-1032	X	

B. Incident Ambulances

Name	Location	Paramedics	
		Yes	No
N/A	N/A		

7. Hospitals

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Grnd		Yes	No	Yes	No
Kaiser	Yosemite Blvd, Manteca	2	8	(209) 825-3700	X			X
S. J. General	Interstate 5, Manteca	5	15	(209) 468-6300	X			X
Doctors Med. Center	1441 Florida Rd, Modesto	5	15	(209) 576-3883	X			X

8. Medical Emergency Procedures

** Provide immediate treatment on site. **Initiate the emergency EMS system by calling:**

San Joaquin Co. Fire @ (209)-464-4646

(This will activate aid faster than calling 911 on a cell phone)

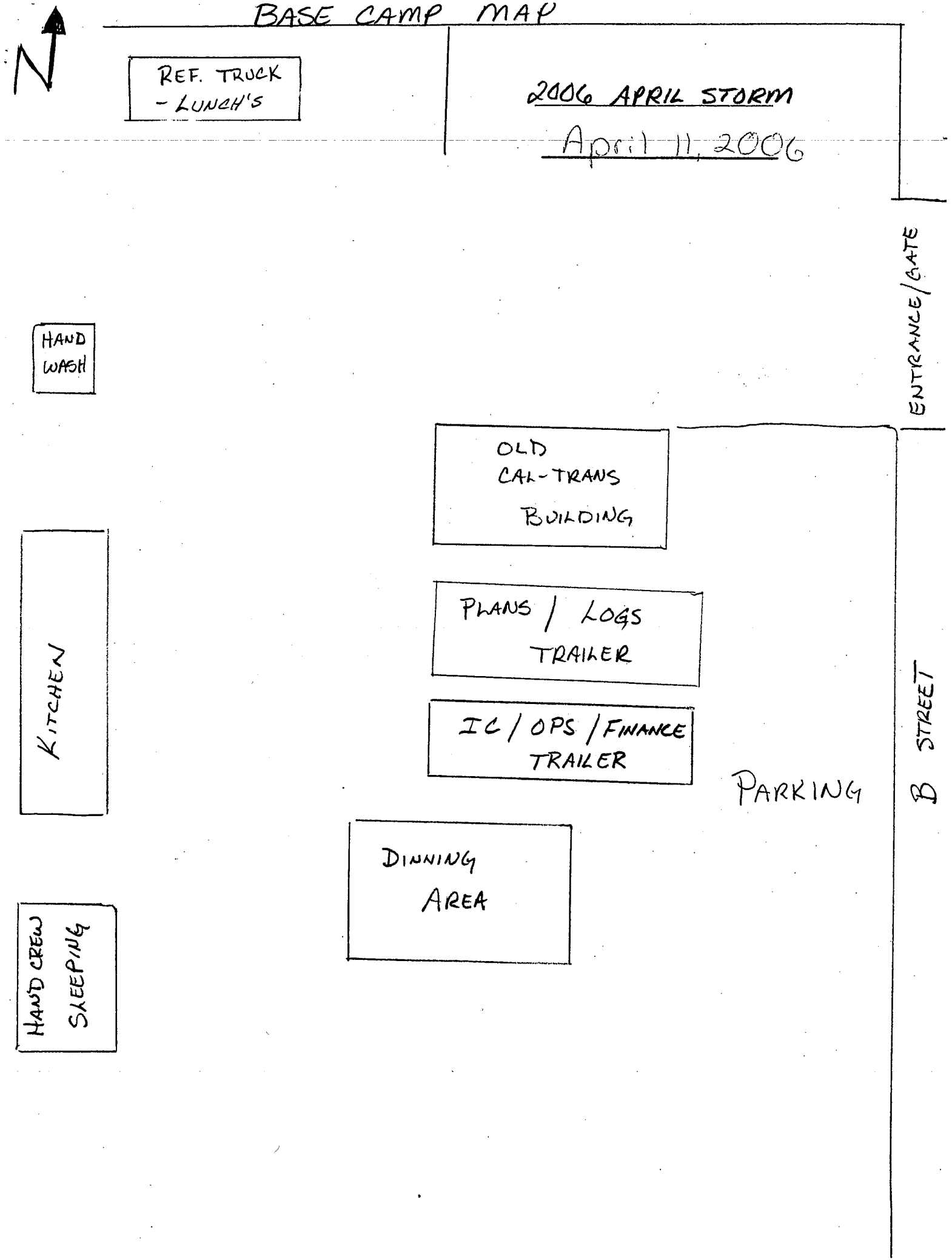
** Identify yourself as being affiliated with the flood fighting effort, provide all necessary info as requested.

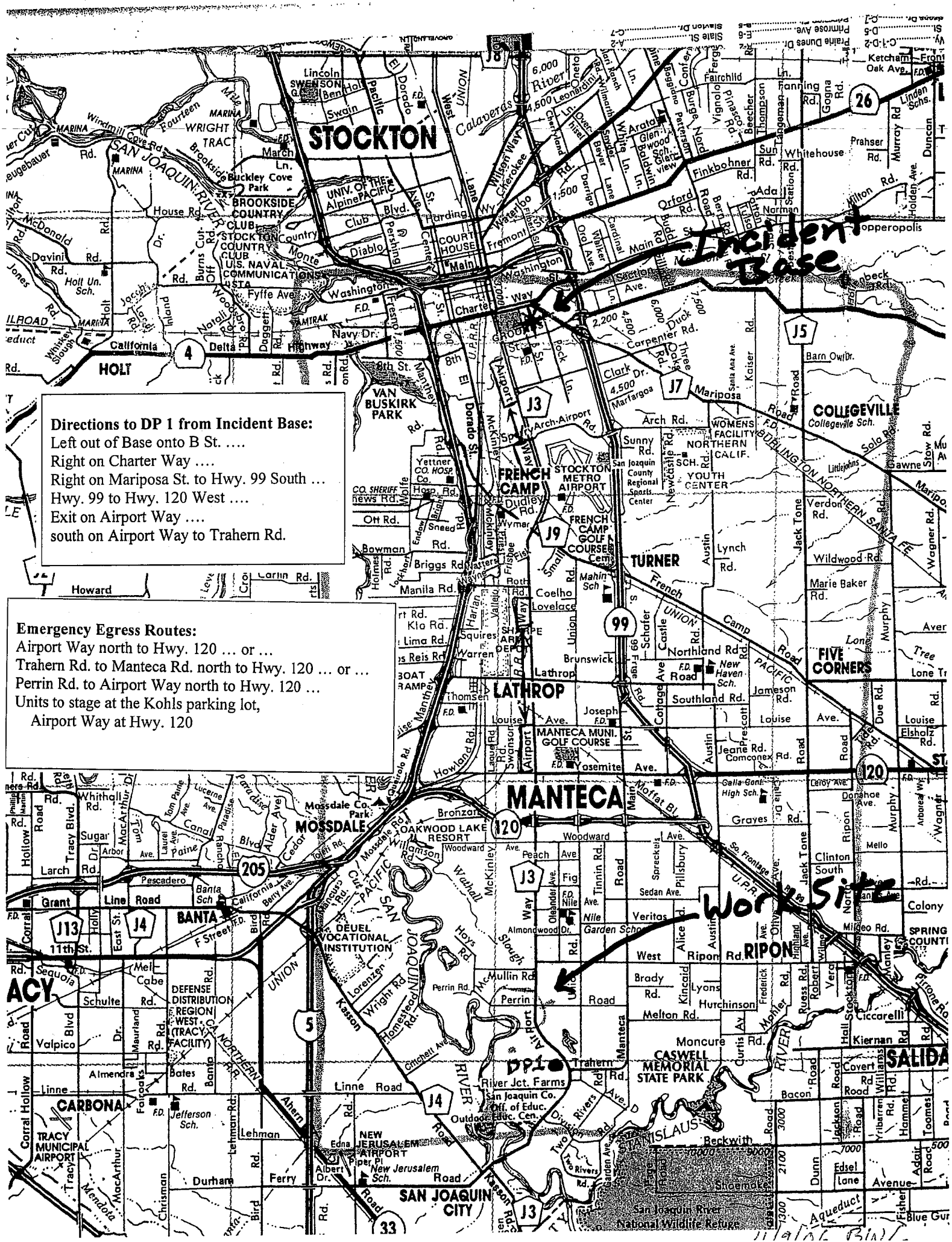
** Follow-up with a phone call to the **Incident Safety Officer: Kurt Schieber (209)-318-7164**

** Notify your Supervisor.

9. Prepared by (Medical Unit Leader)	10. Reviewed by (Safety Officer)
	K. Schieber SOF

BASE CAMP MAP





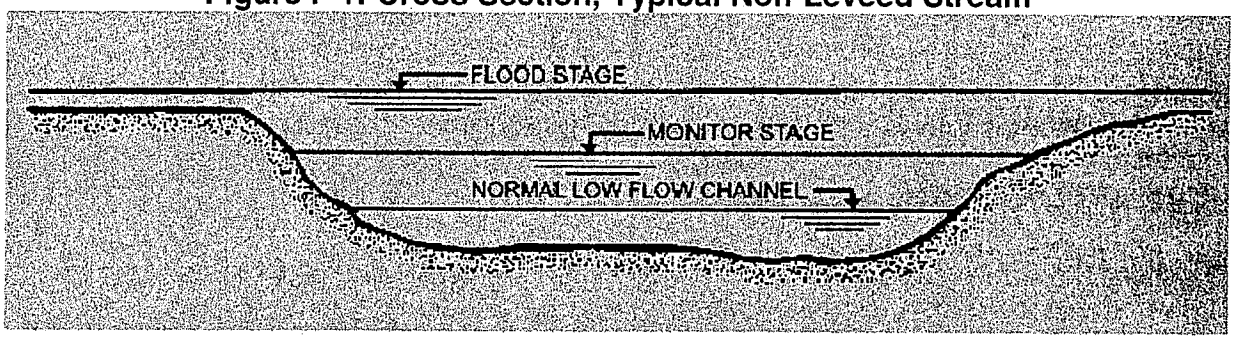
Directions to DP 1 from Incident Base:
Left out of Base onto B St. ....
Right on Charter Way ....
Right on Mariposa St. to Hwy. 99 South ...
Hwy. 99 to Hwy. 120 West ....
Exit on Airport Way ....
south on Airport Way to Trahern Rd.

Emergency Egress Routes:
Airport Way north to Hwy. 120 ... or ...
Trahern Rd. to Manteca Rd. north to Hwy. 120 ... or ...
Perrin Rd. to Airport Way north to Hwy. 120 ...
Units to stage at the Kohls parking lot,
Airport Way at Hwy. 120

Appendix F. River Stage and Datum Definitions

The physical differences between leveed and non-leveed streams must be clearly understood when interpreting the action level or response required at monitor, flood and danger stages. These differences are illustrated in Figures F-1 and F-2 below.

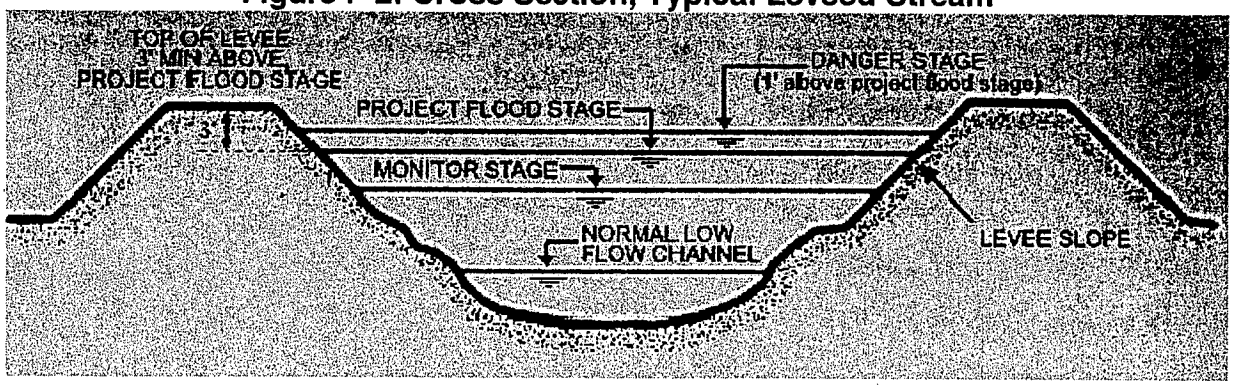
Figure F-1: Cross Section, Typical Non-Leveed Stream



Monitor Stage – The stage (water surface elevation) at which initial action must be taken by concerned interests (livestock warning, removal of equipment from lowest overflow areas, or simply general surveillance of the situation). This level may produce over bank flows sufficient to cause minor flooding of low-lying lands and local roads.

Flood Stage – The stage (water surface elevation) at which over bank flows are of sufficient magnitude to cause considerable inundation of land and roads and/or threat of significant hazard to life and property.

Figure F-2: Cross Section, Typical Leveed Stream



Monitor Stage – The stage (water surface elevation) at which patrol of flood control project levees by the responsible levee maintaining agency becomes mandatory, or the Stage at which flow occurs into bypass areas from project overflow weirs.
Project Flood Stage – The stage (water surface elevation) in a flood control project that is at the maximum design level (U.S. Corps of Engineers "Project Flood Plane"). At this level there is a minimum freeboard of 3 feet to the top of levees.

Danger Stage – The stage (water surface elevation) at which the flow in a flood control project is greater than maximum design capacity and where there is extreme danger

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION

EMPLOYEE TRAINING SIGN-UP SHEET

IIPP-6 (REV. 3/96)

Instructor(s): _____ _____

_____ _____

Location: _____

Date: _____ Page _____ of _____

Topic (s): _____

_____

Attendees: Please print and sign your name legibly. Use additional sheet if necessary.

	Print Name	Signature	Unit or Station
1)			
2)			
3)			
4)			
5)			
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17)			
18)			
19)			
20)			

UNIT LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators	5. Unit Leader (Name and Position)		6. Operational Period

7. Personnel Roster Assigned

Name	ICS Position	Home Base

8. Activity Log

Time	Major Events

9. Prepared by (Name and Position)

TIME	MAJOR EVENTS
214 ICS 5-80	9. PREPARED BY (NAME AND POSITION)