

MEMORANDUM

September 25, 1998

From: Anna Lantin, RBF, Irvine

To: Steve Borroum, Caltrans, Headquarters

Subj: Pilot Project Activities for the Week Ending September 25, 1998

CRITICAL ACTIVITIES THIS WEEK

Design Reports: Revised Design Reports and Procurement Reports have been re-submitted to the Plaintiff. Consultants are awaiting further comments prior to finalizing the Design Reports.

OM&M Plans: No additional comments were received on **Vol I**. DHS/VCDs indicate that they may submit their comments late Friday Sep 25. NRDC indicated that they sent their comments to RBF approximately Sep 11. However, nothing has been received. Search for the document is continuing and request to resend has been sent. Vol I has been revised to incorporate all changes received as of this date. The revised Vol I is scheduled for submittal on Sept. 28. However, if comments are received from NRDC or DHS/VCDs the schedule may be delayed by up to two weeks to respond to their comments and incorporate the changes. **Vol II** was submitted to the Plaintiffs on Sep 18 and was received on Monday Sep 21. Comments are due back on Oct 9.

Construction Activities: (See attached Construction Schedule for Location Designation and Description)

D11 PS&E: Construction is proceeding. A field meeting was held on Sept. 23 with Dan Juarez (D11 R.E.), Cid Tesoro and RBF. Construction Field Memos will be provided to Dan Juarez on a regular basis for plan clarifications and CCO submittals. The following Field Memos have been prepared:

Field Memo No. 1 - CCO No. 2 Concrete Basin Lining Deletion for Location No. 2

Field Memo No. 2 - Revised Orifice Opening for Location Nos. 1 and 2

Field Memo No. 3 - Various Plan Certifications for Location Nos. 1, 2, and 3

Field Memo No. 4 - Specification Clarification for Location Nos. 3

Location 1 (I5 SR 56) Drainage relocation for utility relocation per plan in progress.

Location 2 (SR78&I15) Continue to remove man made materials at force account. Excavation to continue through next week. RBF designers are working closely with Caltrans RE.

Location 3 (I5 La Costa) Trench excavation, unsuitable material (wet) encountered exploratory excavations to continue through 9/28/98.

D11 Procurement: Construction has started on Procurement projects in District 11 (start date Sept 16).

Location 3 (La Costa P&R) Pipeline excavation in progress. Potholed G2 inlet existing pipe flow line elevation is 2' higher than anticipated. Will require additional removal and replacement of 450mm CSP joining approximately 20' down stream anticipating the outfall structure to be protected in place. Removal and replacement of pipe is outside the existing chain link fence in Caltrans R/W Construction discussed with RBF and Caltrans Environmental. Construction will proceed with a biologist in the field observing construction. Location 4 (SR-78 / I-5 P&R) Coordination with CT RE Harold Lantis regarding an existing construction contract on that site that is in plant establishment period.

Location 7 (Carlsbad Maintenance station) Caltrans personnel clearing materials in the work zone, the Westerly paved area. Contractor mobilizing at this location.

Location 6 (I-5 Palomar Airport Road) At this location a construction contract with Peterson-Chase General Engineering Construction is active. Caltrans RE Harold Lantis is preparing a change order to construct the Bio Strip. RBF will coordinate delivery of salt grass with the RE.

D7 PS&E: Contract award is scheduled for Sept. 24.

D7 Procurement:

(MW) - Contract negotiations with R.L. Hartley are concluding for Bid Package 1 (Catch Basin Insert sites and Infiltration Trench/Biofiltration Strip site). Construction of Package 1 is scheduled to begin on Sept. 28. Additional bid for Bid Packages 2 and 3 was postponed due to a request from a bidder. Submittal is scheduled to be received on Sept. 25.

(BC) - A preconstruction meeting was held on Sept. 24 with representatives of RBF, BC, Permit Inspectors, and Bob Wu. Construction will begin with the sites at the Foothill and Eastern Maintenance Stations next week. A construction schedule is to follow next week following a review by BC to accelerate the construction schedule by 30 days at the request of Steve Borroum. A construction schedule will be issued next week, BC is reviewing to reduce estimated construction duration.

Biofilter SOD: The sod was visited on Sep 23. It appears to be growing well and the grower indicates that, if the weather stays warm, the flats should easily be ready on Nov 1 for installation.

Vector Control Activities: Background Monitoring Program is progressing as planned. RBF spoke with the San Gabriel Valley Vector Control District (SGVVCD) regarding the inclusion of rodents and cockroaches under the MOU. The Vector Control District indicated that none of the three districts monitor cockroaches and only SGVVCD monitors for rodents. The MOU was resubmitted to Caltrans on September 24 for approval prior to distributing to the VCDs. LWA will coordinate with Caltrans regarding the need to use others for monitoring rodents and cockroaches. RBF was not in attendance, but, Caltrans and DHS met on September 23, 1998 and a verbal agreement regarding DHS role in the pilot project was reached. LWA can provide details of this meeting.

Jurisdictional Issues: RBF received a voice mail from the David Zoutendyke of the Corps (San Diego Region). David indicated that he wanted a copy of the letter Aaron Allen of the Corps (LA region) committed to write so David could use it as a boiler plate. As of September 23, 1994 Aaron had not written the letter to EPA. During a telephone conversation Aaron committed to writing the letter on September 24, 1998 and would provide a copy to David Zoutendyke. RBF gleaned from the voice mail that David Zoutendyke was not interested in visiting the sites.

PLANNED ACTIONS NEXT WEEK

PS&E Designs: No action required.

Procurement Designs: No action required.

Design Reports: Reports will be finalized upon receipt of additional comments from Plaintiff.

OM&M Plans: Comments are anticipated from NRDC and DHS/VCDs. Resubmittal of Vol I is scheduled for Sept. 28. Vol II – comments received from Caltrans, RBF, or the Plaintiffs will be incorporated as appropriate.

Construction Activities: (See attached Construction Schedule)

D11 PS&E and Procurement D11 projects: Construction activities will continue.

D7 Procurement: Pre-construction conference for the Altadena Maintenance Station is scheduled for Monday, Sept. 28. Construction staking will begin at the site later in the week. Additional proposal for bid packages 2 and 3 will be reviewed, and contract will be awarded.

D7PS&E (MW): Execution of contract will continue.

Biofilter SOD Research: Sod delivery is anticipated for Nov 1. Monitoring of progress of sod contractor will continue.

Vector Control Activities: Following authorization from Caltrans, RBF will forward the MOU to the Vector Control Districts. Secondly, a decision regarding the need to monitor rodents and cockroaches needs to be made by Caltrans.

Jurisdictional Issues: RBF will follow-up with phone calls to the Corps representatives to see if the letters to EPA have been drafted.

OTHER ISSUES THIS WEEK:

- A third status meeting has been changed to Dec 8 and 9. It is anticipated that Dr. Horner will provide Empirical Observation training during the afternoon of Dec 7 for the OM&M field personnel. The two-day meeting is intended to provide a half-day status meeting and a half-day tour to the D11 sites and full day tour of the D7 sites.
- RBF is coordinating a Caltrans Safety Training Session as well as a classroom Consistency Training Session for the Sampling Team members. These sessions are tentatively scheduled for mid-November.
- A meeting is scheduled for Oct 6 to provide background and project training for all new Caltrans personnel and others who have recently joined the Pilot Study team.

**District 7 and 11 Retrofit Pilot Program
PS&E Project Schedule
For Week Ending 25 September 1998**

	DISTRICT 7 PROJECT 1 Montgomery Watson		DISTRICT 7 PROJECT 2 Brown & Caldwell		DISTRICT 11 PACKAGE 1 RBF	
	Schedule	Actual/Notes	Schedule	Actual/Notes	Schedule	Actual/Notes
PS&E SUBMITTAL TO DISTRICT (MEETING)	3/18/1998	3/25/1998	3/18/1998	3/25/1998	3/16/1998	3/16/1998
DISTRICT COMMENTS TO CONSULTANTS (MEETING)	4/8/1998	4/8/1998	4/8/1998	4/8/1998	3/31/1998	3/31/1998
REVISED PS&E TO DISTRICT OFFICE ENGINEER, NRDC, and EPA (D 11)	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/7/1998	4/7/1998
NRDC and EPA COMMENTS TO CALTRANS	4/22/1998	4/22/1998	4/22/1998	4/22/1998	4/14/1998	4/15/1998
Response to Comments to NRDC	4/29/1998	4/29/1998	4/29/1998	4/29/1998	4/20/1998	4/20/1998
Response to Comments Meeting with Plaintiffs	4/30/1998	4/30/1998	4/30/1998	4/30/1998	4/30/1998	4/30/1998
DISTRICT OE COMMENTS TO CONSULTANTS	4/29/1998	4/29/1998	4/29/1998	5/6/1998	4/21/1998	4/21/1998
100% DESIGN TO DISTRICT OFFICE ENGINEER	5/6/1998	5/7/1998	5/6/1998	5/6/1998	4/28/1998	4/28/1998
Return Designs to Consultant		5/13/98		5/11/1998		
Resubmit Designs to Caltrans		5/18/1998		5/15/1998		
OE Final Review		5/19/1998		5/18/1998		
Electronic files of the Final PS&E Design Package submitted		5/22/1998		5/21/1998		
Resubmit to OE Final Review		6/3/1998		5/29/1998		
PS&E DESIGNS TO SACRAMENTO (HQOE)	5/13/1998	6/19/1998	5/13/1998	6/15/1998	5/5/1998	5/8/1998
READY TO LIST (RTL)	5/18/98	6/30/1998	5/18/98	6/30/1998	5/11/1998	5/15/1998
DESIGN REPORTS - Complete Design Assumptions Submitted to NRDC	6/1/1998	6/1/1998	6/1/1998	6/1/1998	6/1/1998	6/1/1998
Draft DESIGN REPORTS to Caltrans	5/18/1998	5/26/1998	5/18/1998	5/20/1998	5/18/1998	5/18/1998
1st DECISION POINT (Post Design - Pre-Construction)	6/10/1998	6/11/1998	6/10/1998	6/11/1998	6/10/1998	6/11/1998
CONSTRUCT PROJECTS						
Advertise (ADV)	6/29/1998	8/10/1998	6/29/1998	8/10/1998	6/22/1998	6/22/1998
Bid Opening (BO)	7/23/1998	9/3/1998	7/23/1998	9/3/1998	7/16/1998	9/3/1998
Award (AW)	8/13/1998	9/24/1998	8/13/1998	9/22/1998	8/6/1998	9/8/1998
Execute Contract (EX)	8/20/1998	10/2/98 (est)	8/20/1998	10/2/98 (est)	8/13/1998	9/14/1998
Begin Construction (BC)	8/25/1998	10/19/98 (est)	8/25/1998	10/19/98 (est)	8/18/1998	9/14/1998
End Construction	11/30/1998	12/23/98 (est)	11/30/1998	12/16/98 (est)	11/30/1998	11/18/1998 (est)
SUPPLEMENTAL REPORT - Construction Status and Problems Submitted to NRDC	11/11/1998		11/11/1998		11/11/1998	
2nd DECISION POINT (Pre-Monitoring)	11/18/1998		11/18/1998		11/18/1998	
START STORMWATER MONITORING	12/1/1998	1/2/99 (est)	12/1/1998	1/2/99 (est)	12/1/1998	12/2/98 (est)

**District 7 and 11 Retrofit Pilot Program
Procurement Project Schedule
For Week Ending 25 September 1998**

	DISTRICT 7 PROJECT 3 Montgomery Watson		DISTRICT 7 PROJECT 4 Brown & Caldwell		DISTRICT 11 PACKAGE 2 AEI-CASC	
	Schedule	Actual/Notes	Schedule	Actual/Notes	Schedule	Actual/Notes
SUBMITTAL TO DISTRICT (MEETING)	4/8/1998	4/8/1998	4/8/1998	4/8/1998	3/16/1998	3/16/1998
DISTRICT COMMENTS TO CONSULTANTS (MEETING)	4/22/1998	4/22/1998	4/22/1998	4/22/1998	3/31/1998	3/31/1998
REVISED SUBMITTAL TO DISTRICT, NRDC, and EPA (District 11)	4/29/1998	4/29/1998	4/29/1998	4/29/1998	4/7/1998	4/7/1998
NRDC and EPA COMMENTS TO CALTRANS	5/22/1998	5/22/1998	5/22/1998	5/22/1998	5/1/1998	5/1/1998
Response to Comments to NRDC	5/29/1998		5/29/1998		5/8/1998	5/8/1998
Response to Comments Meeting with Plaintiffs	TBD		TBD		TBD	
FINAL CALTRANS COMMENTS TO CONSULTANTS	5/22/1998	5/19/1998	5/22/1998	5/15/1998	5/15/1998	5/22/98 & 5/26/98
DESIGN COMPLETE/PACKAGE TO ENCROACHMENT PERMITS	5/29/1998	5/29/1998	5/29/1998	7/1/1998	5/8/1998	5/27/1998
MW Trapping Catch Basin Package						
CONSTRUCTION ENCROACHMENT PERMITS ISSUED	6/8/1998	6/22/1998	6/8/1998	7/6/1998	5/15/1998	6/23/1998
MW Trapping Catch Basin Package		6/24/1998				
DESIGN REPORTS - Complete Design Assumptions Submitted to NRDC	6/30/1998		6/30/1998		6/10/1998	6/10/1998
Draft to Caltrans for Review	6/23/1998	6/24/1998	6/23/1998	6/24/1998	6/3/1998	6/3/1998
Draft to RBF for Review	6/8/1998	6/23/1998	6/8/1998	6/18/1998	5/27/1998	6/1/1998
1st DECISION POINT (Post Design - Pre-Construction)	6/30/98	7/14/1998	6/30/98	7/14/1998	6/20/1998	6/22/1998
CONSTRUCT PROJECTS						
Prequalification/IFB	6/12/1998	6/12/1998	N/A	N/A	6/1/1998	6/1/1998
Advertise	6/19/1998	7/20/1998	N/A	N/A	6/15/1998	6/25/1998
Pre-Proposal Conference	6/26/1998	N/A	N/A	N/A	6/22/1998	6/30/1998
Bid Opening	7/27/1998	8/13/1998	7/15/1998	7/23/1998	7/10/1998	7/21/1998
Consultant Review Bids	7/24/1998	8/14/1998	7/29/1998	8/21/1998	7/18/1998	7/23/1998
Caltrans Review Consultant Recommendation	7/31/1998	8/31/1998	8/5/1998	N/A	7/25/1998	9/3/1998
Contractor Submits Bonds and Executed Contract	N/A	N/A	N/A	N/A		9/11/1998
Notice to Proceed	8/3/1998	9/4/1998	8/11/1998	9/22/1998	7/27/1998	9/14/1998
Begin Construction	8/1/1998	9/28/98 (est)	8/15/1998	9/24/1998	8/3/1998	9/16/1998
End Construction	11/30/1998	1/15/99 (est)	11/30/1998	2/2/99 (est)	11/30/1998	12/23/1998 (est)
SUPPLEMENTAL REPORT - Construction Status and Problems Submitted to NRDC	11/11/1998		11/11/1998		11/11/1998	
2nd DECISION POINT (Pre-Monitoring)	11/18/1998		11/18/1998		11/18/1998	
START STORM WATER MONITORING	12/1/1998	12/1/98 (est)	12/1/1998	12/16/98 (est)	12/1/1998	12/1/98 (est)

Construction Schedule Week Ending 25 September 1998

CALTRANS RETROFIT PILOT PROGRAM CONSTRUCTION PHASE SCHEDULE

Caltrans Retrofit Pilot Program District 11															
Loc of Const	Site	District*	BMP Type	Engr	Project Type	Project/Site#	Advertise	Bid	CT NTP	Award	Ex Contract	Const Start	Const Period	Project Completion	Percent Comp
	I-5/Manchester (East)	11-C*	EDB	RBF	PS&E	PRJ1#2								11/18/1998	
1	I-5/SR-56	11-C	EDB	RBF	PS&E	PRJ3#1	6/22/1998	9/3/1998	9/3/1998	9/8/1998	9/14/1998	9/14/1998	63	11/18/1998	5
2	I-15/SR-78	11-S&C	EDB	RBF	PS&E	PRJ1#1	6/22/1998	9/3/1998	9/3/1998	9/8/1998	9/14/1998	9/14/1998	63	11/18/1998	15
3	I-5/La Costa Ave.	11-S&C	IB	RBF	PS&E	PRJ3#2	6/22/1998	9/3/1998	9/3/1998	9/8/1998	9/14/1998	9/14/1998	63	11/18/1998	10
	I-5/Manchester (West)	11-C*	WB	RBF	PS&E	PRJ4#1									
1	Kearny Mesa MS	11-S&C	MF (Compost)	AEI	Procurement	PRJ5#4	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	11/10/1998	68	12/17/1998	
2	Escondido MS	11-S&C	MF	AEI	Procurement	PRJ5#1	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	11/2/1998	68	12/23/1998	
3	La Costa P&R	11-S&C	MF	AEI	Procurement	PRJ5#3	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	9/16/1998	68	11/2/1998	
4	SR-78/I-5 P&R	11-S&C	MF	AEI	Procurement	PRJ5#2	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	9/23/1998	68	11/16/1998	
5	SR-78/Melrose Dr.	11-S&C	Bio. Swale	AEI	Procurement	PRJ2#3	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	10/21/1998	68	11/19/1998	
6	I-5/Palomar Airport Rd.	11-S&C	Bio. Strip	AEI	Procurement	PRJ1#3	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	9/16/1998	68	12/23/1998	5
7	Carlsbad MS	11-S&C	Bio. Strip + IT	AEI	Procurement	PRJ2#1,2	6/25/1998	7/21/1998	9/3/1998	9/4/1998	9/14/1998	10/12/1998	68	11/19/1998	

Caltrans Retrofit Pilot Program District 7															
Package	Site	District	BMP Type	Engr	Project Type	Project/Site#	Advertise	Bid	CT NTP	Award	Ex Contract	Const Start	Const Period	Project Completion	Percent Comp
1 Package 3	I-210/West of Orcas Ave.	7-S	TCB	MW	Procurement	PRJ1A#1	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
2 Package 3	I-210/East of Orcas Ave.	7-S	TCB	MW	Procurement	PRJ1A#1	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
3 Package 3	I-210/East of Filmore St.	7-S	TCB	MW	Procurement	PRJ1A#2	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
4 Package 3	I-210/East of Van Nuys Blvd.	7-S	TCB	MW	Procurement	PRJ1A#2	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
1	I-605/SR-91 Interchange	7-S	IB	MW	PS&E	PRJ1#1	8/10/1998	9/3/1998	N/A	9/24/1998	10/2/1998	10/19/1998	45	12/23/1998	
1 Package 1	Altadena MS	7-S	Bio. Strip + IT	MW	Procurement	PRJ3#1,2	7/20/1998	8/13/1998	9/4/1998	9/8/1998	9/21/1998	9/28/1998	56	12/14/1998	
2 Package 2	I-605/SR-91 Interchange	7-S	Bio.Strip+Swale	MW	Procurement	PRJ3#5	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
3 Package 2	Cerritos MS	7-S	Bio. Swale	MW	Procurement	PRJ3#4	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
4 Package 2	I-5/I-605	7-S	Bio. Swale	MW	Procurement	PRJ3#6	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
5 Package 2	I-605/Del Amo Ave.	7-S	Bio. Swale	MW	Procurement	PRJ3#7	7/20/1998	9/18/1998	10/2/1998	10/5/1998	10/7/1998	10/12/1998	70	1/15/1999	
6 Package 1	Foothill MS	7-S	CBI	MW	Procurement	PRJ3#8	7/20/1998	8/13/1998	9/4/1998	9/8/1998	9/21/1998	9/28/1998	18	10/21/1998	
7 Package 1	Las Flores MS	7-S	CBI	MW	Procurement	PRJ3#9	7/20/1998	8/13/1998	9/4/1998	9/8/1998	9/21/1998	9/28/1998	27	11/3/1998	
8 Package 1	Rosemead MS	7-S	CBI	MW	Procurement	PRJ3#10	7/20/1998	8/13/1998	9/4/1998	9/8/1998	9/21/1998	9/28/1998	20	10/23/1998	
1	I-5/I-605 Intersection	7-S	EDB	BC	PS&E	PRJ2#1	8/10/1998	9/3/1998	N/A	9/22/1998	10/2/1998	10/19/1998	40	12/16/1998	
2	I-605/SR-91 Intersection	7-S	EDB	BC	PS&E	PRJ2#2	8/10/1998	9/3/1998	N/A	9/22/1998	10/2/1998	10/19/1998	40	12/16/1998	
1	Alameda MS	7-S	Oil/Water Sep.	BC	Procurement	PRJ4#5	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/24/1998	93 (in review)	2/2/99 in review	10
2	Eastern Regional MS	7-S	MF	BC	Procurement	PRJ4#1	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/29/1998	93 (in review)	2/2/99 in review	
3	Foothill MS	7-S	MF	BC	Procurement	PRJ4#2	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/30/1998	93 (in review)	2/2/99 in review	
4	Termination P&R	7-S	MF	BC	Procurement	PRJ4#3	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/24/1998	93 (in review)	2/2/99 in review	5
5	Paxton P&R	7-S	MF	BC	Procurement	PRJ4#4									
6	Via Verde P&R	7-S	MCTT	BC	Procurement	PRJ4#8	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/24/1998	93 (in review)	2/2/99 in review	5
7	Metro MS	7-S	MCTT	BC	Procurement	PRJ4#7									
8	Lakewood P&R	7-S	MCTT	BC	Procurement	PRJ4#6	N/A	7/23/1998	8/27/1998	8/31/1998	8/31/1998	9/24/1998	93 (in review)	2/2/99 in review	10