Weekly Status Report

BMP Pilot Projects in Los Angeles and San Diego Counties.

November 13, 1998
Los Angeles County BMP Pilot Projects
Construction Activities, Schedule, Issues / Solutions, Financial Review

PS&E Pilot Projects

Location 1 I-605/SR-91 Contract No. 07-191204 Infiltration Basin
Construction Activities.

None this period.

Schedule

First working day per contract is November 6, 1998.

Issues / Solutions

N/A

Financial Review

See table below.

Location 1 I-5/I-605 Contract No. 07-191104 Extended Detention Basin
Construction Activities.

N/A

Schedule

First working day per contract is November 4, 1998.

Issues / Solutions

N/A

Financial Review

See table below.
Location 2 I-605/SR-91 Contract No. 07-191104 Extended Detention Basin

Construction Activities.

N/A

Schedule

First working day per contract is November 4, 1998.

Issues / Solutions

N/A

Financial Review

See table below.

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**Procurement Pilot Projects**

**Brown and Caldwell Sites**

**Location 1 Alameda Maintenance Station Oil/Water Separator**

Construction Activities.

N/A

Schedule

First working day scheduled for December 18, 1998.

Issues / Solutions

N/A

Financial Review

See table below.
Location 2 Eastern Maintenance Station Media Filter

Construction Activities.

Clear and grub site, constructed excavation shoring damaging existing utilities, excavate basin, relocated utilities, formed and placed concrete in basin slab, formed and placed concrete in walls.

Schedule

First working day September 25, 1998. Site construction on schedule.

Issues / Solutions

Damage to utilities during drilling operation. Additional utility investigation required during design phase with a review of accurate and comprehensive as-built plans.

Scheduling of work, demo of storage bins. Additional coordination is required during design review of staging in order to facilitate use of existing bins or constructing temporary bins during construction of relocated bins.

Financial Review

See table below.

Location 3 Foothill Maintenance Station Media Filter

Construction Activities.

Clear and grub site, demo bins, constructed excavation shoring, begin excavation for media filter.

Schedule

First working day October 1, 1998. Site construction on schedule.

Issues / Solutions

N/A

Financial Review

See table below.

Location 4 Termination Park and Ride Media Filter

Construction Activities.

Clear and grub site, constructed shoring, excavation for media filter in progress.
Schedule

First working day October 1, 1998. Site construction on schedule.

Issues / Solutions

N/A

Financial Review

See table below.

Location 6 Via Verde Park and Ride Multi Chamber Treatment Train

Construction Activities.

Notification of partial lot closure, H beams for excavation shoring delivered to site.

Schedule

First working day October 8, 1998. Site construction on schedule.

Issues / Solutions

Coordination of parking relocation. / Relocated electric vehicle parking.

Financial Review

See table below.

Location 8 Lakewood Park and Ride Multi Chamber Treatment Train

Construction Activities.

N/A

Schedule

First working day December 4, 1998.

Issues / Solutions

N/A

Financial Review

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<td>8 Lakewood Park &amp; Ride</td>
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Montgomery Watson Sites

Location 1 Package 1 Altadena Maintenance Station Bio-Strip and Infiltration Trench

Construction Activities.

Formed and placed concrete for new storage bins.

Schedule

First working day October 5, 1998. Site construction on schedule.

Issues / Solutions

City of Pasadena Water Co easement encroachment. / Reconfigured BMP.

Financial Review

See table below.

Location 6 Package 1 Foothill Maintenance Station Catch Basin Insert

Construction Activities.

Staking and layout.

Schedule

First working day October 5, 1998. Site construction on schedule.

Issues / Solutions

N/A

Financial Review

See table below.
Location 7 Package 1 Las Flores Maintenance Station Catch Basin Insert

Construction Activities.

  Saw cut existing asphalt.

Schedule

  First working day October 5, 1998. Site construction on schedule.

Issues / Solutions

  N/A

Financial Review

  See table below.

Location 8 Package 1 Rosemead Maintenance Station Catch Basin Insert

Construction Activities.

  Staking and layout.

Schedule

  First working day October 5, 1998. Site construction on schedule.

Issues / Solutions

  N/A

Financial Review

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San Diego County BMP Pilot Projects

Construction Activities, Schedule, Issues / Solutions, Financial Review

**PS&E Pilot Projects**

**Location 1** I-5/SR-56 Extended Detention Basin

Construction Activities.

Clear and grub, construction of reinforced concrete pipe and structures, SDGE relocation, and additional import.

Schedule

First working day per contract is September 14, 1998. Project on schedule.

Issues / Solutions

N/A

Financial Review

See table below.

**Location 2** SR-78/I-15 Extended Detention Basin

Construction Activities.

Remove manmade materials during excavation, install reinforced concrete pipe, construct boxes, grading 95% complete, underground drainage system in place.

Schedule

First working day per contract is September 14, 1998. Project on schedule.

Issues / Solutions

Excavation of man made materials. / Additional borings and review of area RE.

Financial Review

See table below.
Location 3 I-5/La Costa Infiltration Basin

Construction Activities.

Remove saturated unsuitable material, install 600mm reinforced concrete pipe, completion of basin excavation.

Schedule

First working day per contract is September 14, 1998. Project on schedule.

Issues / Solutions

N/A

Financial Review

See table below.

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<td>1 I-5/SR-56</td>
<td>11-18-98</td>
<td>N/A</td>
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<td>$130,739</td>
<td>$3,500 Spillway excavation $7,100 Import borrow Total $10,600</td>
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<td>2 I-15/SR-78</td>
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<td>N/A</td>
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<td>$657,342</td>
<td>($240,500) Concrete lining deletion $595,000 Removal man made buried objects Total $354,500</td>
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<td>3 I-5/La Costa</td>
<td>11-18-98</td>
<td>N/A</td>
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<td>$208,221</td>
<td>$19,200 Removal of unsuitable material $200 Flagging Total $19,400</td>
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Procurement Pilot Projects

Location 1 Kearny Mesa Maintenance Station Media Filter (Compost)

Construction Activities.

N/A

Schedule

First working day per contract is November 10, 1998. Project on schedule.
Issues / Solutions

Additional 31 compost filter cartridges for a total of 78 required to meet design guidelines. / Review material suppliers calculations.

Substitution of aluminum for stainless steel components for a cost reduction. / Checked with design Engineer and he provided direction for substitution.

Financial Review

See table below.

Location 2 Escondido Maintenance Station Media Filter (Sand)

Construction Activities.

Vault excavation is complete, forming for concrete.

Schedule

First working day per contract is November 2, 1998. Project ahead of schedule.

Issues / Solutions

N/A

Financial Review

See table below.

Location 3 La Costa Park and Ride Media Filter (Sand)

Construction Activities.

Clear and grub, remove unforseen structures and large rocks, excavate, form and place concrete in vault. Connect to existing storm drain outfall at revised location.

Schedule

First working day per contract is September 16, 1998. Schedule delayed 10 days due to unforseen manmade objects unsuitable material and additional reinforced concrete pipe installation.

Issues / Solutions

Storm drain line higher than anticipated. / Pot hole connections during design phase.

Buried manmade materials. / Remove at force account.

Unsuitable materials. / Remove and replace at force account.

Financial Review

See table below.
Location 4 SR-78/I-5 Park and Ride Media Filter (Sand)

Construction Activities.

Survey

Schedule


Issues / Solutions

Site was occupied with Cal Trans contractor completing previous contract. / Coordinate with Cal Trans RE at an earlier date.

Contractor could not impact parking during construction. / Coordinate at design phase with RE.

Relocation of water lines. / Coordination with RE prior to construction.

Vault reconfigured so it does not affect parking. / Coordinate with RE prior to construction.

Financial Review

See table below.

Location 5 Melrose Ave/SR-78 Bio Swale

Construction Activities.

Clear and grubsie, rough grading complete.

Schedule


Issues / Solutions

N/A

Financial Review

See table below.

Location 6 I-5 Palomar Airport Road Bio Strip

Construction Activities.

This work will be constructed as a change order to an existing PSE contract with the contractor presently on site.
Schedule

Start pending Environmental review of clear and grub issues.

Issues / Solutions

N/A

Financial Review

See table below.

**Location 7 Carlsbad Maintenance Station Bio Strip Infiltration Trench**

Construction Activities.

Clear and grub site, constructed asphalt paved areas for parking first, over ex due to bad soil, infiltration trench complete.

Schedule

First working day per contract is October 12, 1998. Project begins September 30, 1998 due to location 4 not available to begin construction.

Issues / Solutions

Construction of paved areas required by Cal Trans out of phase./Coordination with RE during design.

Unsuitable material removal and replacement./ Additional soils investigation.

Financial Review

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</thead>
</table>
| 1  Kearney Mesa MS            | 12-17-98                  | N/A                    | N/A                      | $298,797   | ($20,000) Substitution with aluminum  
|                               |                           |                        |                           |            | $6,300 Additional canisters        
|                               |                           |                        |                           |            | Total ($13,700)                  |
| 2  Escondido MS               | 12-23-98                  | N/A                    | 1-13-98                   | $490,405   | ($46,000) Substitution with epoxy coated  
|                               |                           |                        |                           |            | $5,000 add guard posts             
|                               |                           |                        |                           |            | Total ($41,000)                  |
| 3  La Costa Park & Ride       | 11-2-98                   | 10                     | N/A                      | $208,955   | $8,000 Storm drain extension  
|                               |                           |                        |                           |            | $20,000 Unsuitable materials excavation  
|                               |                           |                        |                           |            | ($16,000) Delete electrical conduit  
|                               |                           |                        |                           |            | Total $12,000                    |
| 4  SR-78/I-5 Park & Ride      | 11-16-98                  | N/A                    | N/A                      | $224,502   | $5,000 plant establishment  
|                               |                           |                        |                           |            | $4,000 Safety railing              
|                               |                           |                        |                           |            | ($14,000) Revised vault location  
|                               |                           |                        |                           |            | Total ($5,000)                   |
| 5  Melrose Ave/SR-78          | 11-19-98                  |                        | 87,038                    |            | $5,000 Unsuitable material  
|                               |                           |                        |                           |            | $14,000 Sod installation          
|                               |                           |                        |                           |            | ($2,000) Delete seed              
|                               |                           |                        |                           |            | Total $16,000                    |
| 6  I-5 Palomar Airport Road   | 12-23-98                  | N/A                    | N/A                      | $129,361   | Deleted from Procurement project  
| 6  I-5 Palomar Airport Road   |                           |                        |                           |            | $93,138                          |
| 7  Carlsbad MS                | 11-19-98                  | 5                      | N/A                      | $157,800   | $10,000 Unsuitable subgrade  
|                               |                           |                        |                           |            | $5,000 Additional paving          
|                               |                           |                        |                           |            | Total $15,000                    |
### Caltrans Retrofit Pilot Program District 11

<table>
<thead>
<tr>
<th>Site No.</th>
<th>Loc of Const</th>
<th>Site</th>
<th>District*</th>
<th>BMP Type</th>
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### Caltrans Retrofit Pilot Program District 7

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### Site System Legend

- **Hold**: Project on hold
- **PSE**: Revised P&S deve
- **Neg.**: Under Negotiation

### Site No. System Legend

- **xxx1xx - Dist. 11**: Site
- **07xxxx - Dist. 7**: Site
- **xx1xxx - RBF**: BMP Type
- **xx0xxx - PS&E**: Project Type
- **xx0xx - Procurement**: Advertise
- **xx0xx - Construction Site No.**: PRJ1#1