



Los Angeles County Flood Control District Sediment Management Strategic Plan Task Force Meeting # 3



Wednesday, June 29, 2011
2:30 pm to 4:30 pm

LA County Department of Public Works Headquarters Building
900 South Fremont Avenue, Alhambra, CA 91803
Conference Rooms B & C

Meeting Summary

Note: For reference purposes the following are included in the meeting summary:

- Meeting agenda (page 8).
- Invitation list for the meeting (page 9).
- List of attendees (page 15).

Welcome & follow-up from the second Task Force meeting

Gary Hildebrand, Division Head of the Watershed Management Division of the Department of Public Works (Public Works), welcomed Task Force members, discussed the agenda, and summarized the major themes of comments from the last Task Force meeting. The major themes included:

- Openness and the need for transparency.
- Care for the environment.
- The need for long-term sustainable solutions.

Gary shared that during the initial meetings with the Sediment Management Advisory Working Group the Working Group raised many of the same concerns as the Task Force.

Background on Sediment Processes

Marcela Benavides of the Watershed Management Division discussed the following:

- A history of major flooding in the Los Angeles Basin, the creation of the Los Angeles County Flood Control District (Flood Control District), and the construction of dams.
- A description of sediment accumulation and its affect on dam operations.
- Debris basins and their operation.
- The reasons why the Sediment Management Strategic Plan is being developed.

Sediment Management Alternatives

Gerard Dalziel of AECOM, a member of the consultant team working on the Sediment Management Study, discussed the transportation alternatives and sediment processing and placement site types under consideration.

- Transportation alternatives include:
 - Trucking - standard, low emission, and in channels.

- Cable bucket systems.
- Conveyor belts.
- Sluicing and slurry pipelines.
- A combination of trucking and rail transport.
- Processing location alternatives include:
 - Existing processing facilities.
 - New processing facilities in industrial areas, landfills, and active sediment placement sites (SPSs) and remote or residential areas with recoverable or sensitive habitat.
- Placement alternatives include:
 - Currently active and new SPSs either on Flood Control District property or newly acquired property.
 - Quarry pits.
 - Ocean placement and beach replenishment.
 - Landfills as daily or final cover.

Alternatives Ranking Tool

Bill Brownlie of Tetra Tech Inc., another member of the consultant team working on the Sediment Management Study, described the tool being used to rank the various alternatives

- The ranking tool is composed of five major factors, each which is scored to a maximum of 10 points, with 10 being best. The factors are:
 - Environmental Factor
 - Social/Quality of Life Factor
 - Performance Factor
 - Implementability Factor
 - Cost Factor
- Each factor is composed of several criteria. The maximum points attributed to each criterion within a factor are based on the relative importance of that criterion when compared with the other criteria in the same factor.
- A description of how the criteria are scored and how the tool is used was provided.

Feedback Received

Dan Sharp of the Watershed Management Division discussed the feedback received from the last meeting and how it had been implemented into the ranking tool, as summarized below.

- Add long-term (>20 year) sustainability → The tool now includes a Performance Factor that includes long term needs.
- Add wildlife corridors to the environment factors under consideration → Corridors were included in the Environmental Factor criteria.
- Include effects on groundwater recharge → Recharge was included as a criterion in the Environmental Factor.
- Consider effects on recreation → Added as a criterion in the Social Factor.
- Screen for the environment first → The tool was revised to add the ability to isolate and review the social and environmental factors.

Tentative Ranking Results & Next Steps

Dan explained the tool had been used to rank the alternatives based on the tool's Environmental Factor and the Social/Quality of Life Factor only, with a 50 percent weight applied to each factor. He presented and discussed the tentative rankings of the transportation, processing locations, and placement alternatives that resulted from that approach. Comments on the ranking tool and tentative results were requested by July 14th [*The due date was changed to July 18th at 9 am subsequent to the meeting*].

The next steps are as follows:

- Incorporate feedback from the Task Force on the ranking tool and tentative results.
- Combine transportation alternatives with processing location and placement alternatives.
- Analyze cost, performance, and implementability for the subregional solutions.

Moderated Discussion

1. Dave Czamanske - Sierra Club

- What happens at a sediment processing site? What comes in/goes out?

Response: The facility would take our unprocessed material and turn it into usable material like construction material.

- What about using the sediment for construction materials? How do you deal with organics?

Response: We are currently working on that with our consultants. Representative sediment samples taken from three of our facilities have not shown significant organic content; however there are ways to deal with the organics if they are there.

2. Vicki Brink - Foothill Trails District Neighborhood Council, Equestrian Center Owner/Operator

- I have tried to get the sand from Santa Anita. We pay \$600 for 15 CY of sand. Equestrian and other private facilities have a great need for sand. Everything behind Santa Anita Dam is usable. It's a great commodity; let's try to use all of it. Talk to the Vulcan Pit operators; placement in a quarry is good. Was the community near Santa Anita Dam and Santa Anita Sediment Placement Site aware a conveyor belt was going to be used? It is going to be loud.

Response: The Flood Control District definitely agrees with trying to beneficially use as much of the sediment as possible. Use of sediment is looking promising.

- Placing sediment in La Tuna Canyon does not make sense; it seems sediment would be moved from behind one dam to a site behind another dam.

Response: There is little erosion at sediment placement sites due to the way drainage is configured at the sites.

3. Teresa Young - San Gabriel Mountains Regional Conservancy

- Beginning to understand what the Flood Control District is working on.
- Personal experience with conveyor belts is that they are extremely noisy. A slurry pipeline is less noisy however sediment movement is an on and off process which may cause the pipe

to become caked with material. Paint pipe to blend in with environment. May be better than trucks.

- How do you realistically weigh environmental questions including the true impact to bird populations? Birds may disappear during times of disturbance but can come back. It is difficult to assess the true value of environmental areas since they are ecological systems. The Flood Control District should not go through sensitive areas.

Response: The Flood Control District agrees and does not mean to diminish any the comments, but there are some sites that may be reasonably considered to have a much higher environmental impact than others.

4. Snowy Dodson - California Native Plant Society/Theodore Payne Foundation

- After all of the dams and debris basins were put up, this area became unsustainable. Are there any plans in the works to eliminate the need for dams or debris basins?

Response: We have a two-fold issue. We have infrastructure (that is, the dams and channels) resulting from the decisions that were made many decades ago on how flood risk and water conservation would be managed in the Los Angeles Basin. We are living with the system resulting from the decisions made many decades ago. For the immediate near future (say 20-30 years), we need to make sure the system we currently have is able to perform its functions and so we need to identify and implement solutions in a relatively short time frame (next few decades). Looking way down the line, at a much longer term period, there are studies that are under way to see if we can incorporate some more natural, sustainable features. Studies underway with the Army Corps of Engineers include ecosystem restoration studies along the Los Angeles River and Arroyo Seco. We need to see what we can do within existing constraints including development has been built right up to the channel system. It took us many decades to get to where we are today, it will take us many decades to change the system as a whole.

5. Linda Doran - Sierra Club

- We have a highly unnatural system. Are there any engineering solutions that could start to let some of the sediment flow downstream? There is a CALTECH study concerning 20-year cycles in sediment production. Using sediment and filling pits with sediment is great, but we have a lot more sediment to deal with in the long term. We cannot hold the mountains back. Sediment production will continue. We need a 100 or 150-year plan. We need to allow the rivers to become more natural and carry sediment to the beach. Maybe we need to start buying property where the floodplain would be. We don't want the rivers to meander all over, but let the river be a river. Can we find an in-between plan? Let's think of a plan 100 years out so we can start to live more sustainably.

6. Kiran Magiawala – Public (Retired Engineer)

- American Rivers is a large non-profit organization that looks at the long-term revitalization of rivers.
- Start a long-term study and include long-term issues and pass it on through generations if scope is too large.
- In regards to placing sediment on landfills, maybe using the clay materials in the sediment as landfill caps may reduce methane emissions from the landfills.

7. Susan Rudnicki - Urbanwild Network

- Under the cost factor on the tool there is no analysis for the loss of mature habitat. There are monetary values for individual trees. The values should be quantified, that is very important to make decisions.
- It has been mentioned that a lot of time is needed to change the system as a whole. On the Mississippi River floodplain, the Army Corps of Engineers has been forced to make choices as to what is going to be in the flooding. In the event of a catastrophe, time will be taken away from us.

8. Paul Wong - County of Los Angeles, Department of Beaches and Harbors

- The ranking tool and effort seem to be fair. However, there may be some lack of knowledge about the coastal area.
- At Broad Beach in Malibu they are trying to place 600,000 CY of material on their beaches; they are looking at dredging it from offshore locations. The cost of dredging offshore to replenish the beach is expected to cost \$20-30 per cubic yard (CY). Investigate cost sharing of beach nourishment. Offshore pit resulting from the dredging of sand for beach replenishment may accelerate beach erosion at nearby beaches.
- Another placement option to consider is off the coast of Redondo Beach where there is a marine canyon, which has a long-term capacity on the order of 1 billion CY. If there is a long-term, renewable permit with the respective environmental agencies, it can be assured that there will be capacity for the next 100 years.

9. Lynnette Kampe - Theodore Payne Foundation

- The Theodore Payne Foundation is opposed to destruction of natural resources for the purpose of debris disposal.
- Consider the diversity of the plant community in addition to oaks. There are many unique plant communities that need to be considered.
- It is a hopeful beginning to see the public desire to protect natural spaces recognized as well as the redirection of thought to use the sediment instead of disposing of it. The stakeholders will be watching the rest of the process to see the results.

10. Scott Wilson - North East Trees

- Perpetuation of the current practices is making the situation worse. Put the material where nature meant it to go, i.e., where we are now sitting. It seems as though the Flood Control District disregards the value of trees because it owns a piece of property. It gets more expensive every time we do the same thing. If it's too much to handle now, use 1 percent of available funding per year to produce long-term sediment management solutions. If you don't do anything towards it, it will never happen.

11. Nancy Woodruff - Foothill Trails District Neighborhood Council

- Learned about La Tuna Canyon Sediment Placement Site (SPS) about a year and a half ago. La Tuna Canyon is a ravine behind La Tuna Debris Basin. It doesn't make sense to fill a ravine with sediment. A 100-year plan would make more sense than a 20-year plan. The La Tuna Canyon community would like Public Works to continue to consider Vulcan Pit. We need a specific plan emphasizing the high value of habitat. Currently there are more environmental concerns and protections via plans for La Tuna Canyon than there were when the site in La Tuna Canyon was designated as an SPS.

Response: We have investigating placing sediment at pits very seriously.

12. Lori Paul - Biologist/Naturalist

- What is the cost of the current planning effort costing the tax payers? I heard someone say \$1.5 Million.

Response: The total contract with the consultant is approximately \$850,000. There are additional optional tasks for about \$500,000 that we do not know if we will need.

- The ranking spreadsheet is an arcane tool. What is restorable habitat? The devil is in the details; if bad data is used then results are faulty. Areas that have habitat value should never be considered. All areas with habitat should be removed entirely from consideration and placed in a conservation easement or protected somehow. Using of sediment and sluicing should be a priority.

Response: At this point we are evaluating the alternatives with a very broad brush to put them in relative categories. In the next phase of analysis, we will identify specific sites and get into the details.

13. Caroline Brown – Public (Resident of Sierra Madre)

- Could the channels be redesigned to handle bulked flow and allow the sediment to flow through?
- There are a lot of empty areas between the mountains and the harbor covered with cement. Why not place solar panels there? Sediment could be used to bulk up areas where needed.

14. Cameron Stone – Public

- The natural system historically got sediment to the ocean. At that time sediment used to be a valuable resource. When the infrastructure was built to control water, sediment became a waste product and nothing was built to handle it. We spent money on infrastructure to deal with other waste products such as sewage. We need to come up with a system to use natural processes to move and process the sediment.

Teresa Young - San Gabriel Mountains Regional Conservancy (Spoke 3rd)

- Mitigation can't always make up for losses. Areas like the Arcadia Woodlands can't be mitigated; they are irreplaceable. Habitat mitigation studies have shown that habitat mitigation has been done poorly and isn't always successful. For example, mitigating with seedlings in a new area does not always work. Mitigation is a very poor stopgap.

15. Snowy Dodson - California Native Plant Society/Theodore Payne Foundation

- What specific kinds of comments do you want for the 7/14 deadline?

Response: Comments on the ranking tool itself and the scores given; however, any comments are welcome. The ranking tool will be available for download on our website (www.lasedimentmanagement.com). We understand there is a lot of information there, but we would like to keep our process as transparent as possible. In the next step we will look at specific details. [*The deadline for comments was changed to July 18th at 9 am subsequent to the meeting*]

Dave Czamanske – Sierra Club (Spoke 1st)

- Consider extending the deadline of when the comments are due. [*The deadline for comments was changed to July 18th at 9 am subsequent to the meeting*]

16. Julia Tarnawski - Resident of Shadow Hills/La Tuna Canyon

- There are about 60 oak trees that have been marked in the La Tuna Canyon area; that is very threatening.

Response: Those are biological survey markers that identify that tree has been quantified and identified. It is not to indicate that any trees will be removed.

Reservoir Cleanout Projects Update

Keith Lilley of the Water Resources Division is the new project manager for the upcoming reservoir cleanout projects, including the Devil's Gate Dam cleanout. He provided an update on the sediment cleanout projects and specifically the Devil's Gate Environmental Impact Report (EIR). Chambers Group has been hired to prepare the EIR. The initial scoping meeting for Devil's Gate is scheduled to be in September or October 2011.

Information regarding reservoir cleanout projects currently in the planning phase can be found at www.lasedimentmanagement.com.

Wrap Up

Gary Hildebrand thanked the attendees for their participation. He explained that the next steps will be evaluating how the alternatives can be applied to each sub-regional grouping. The next Task Force Meeting is tentatively planned for sometime in late August. Lastly, he requested comments on the alternatives ranking tool by July 14th, and closed the meeting. [The deadline for comments has since been postponed until Monday, July 18, 2011]



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Sediment Management Strategic Plan Task Force Meeting # 3**



**Wednesday, June 29, 2011
2:30 pm to 4:30 pm**

LA County Department of Public Works Headquarters Building
900 South Fremont Avenue, Alhambra, CA 91803
Conference Rooms B&C

Goal

Manage sediment in order to provide for the flood risk management and water conservation needs of the region while balancing environmental, social, and economic concerns.

Agenda

1. Welcome
2. Follow-up from the Second Task Force Meeting
3. Background on Sediment Processes
4. Sediment Management Alternatives
5. Alternatives Ranking Tool
6. Feedback Received
7. Tentative Ranking Results & Next Steps
8. Moderated Discussion
9. Wrap-up

Notes

Please email questions and comments regarding the Sediment Management Strategic Plan to SedimentMgmtPlan@dpw.lacounty.gov.

For additional information regarding all sediment management projects please visit www.lasedimentmanagement.com.

**Sediment Management Strategic Plan
Task Force Meeting # 3 Invitation List**

Agency/Organization	Name	Title
Arroyo Seco Foundation	Tim Brick	Managing Director
California Coastal Commission	John (Jack) Ainsworth	Deputy Director
California Department of Fish and Game	Terri Dickerson	Senior Environmental Scientist
California Department of Forestry	Mikel Martin	Southern Region Chief
California Department of Transportation - District 7	James McCarthy	Deputy District Director of Planning
California Native Plant Society/Public	Barbara Eisenstein	
California Native Plant Society San Gabriel Mountains Chapter	Gabi McLean	
California Native Plant Society/Theodore Payne Foundation	Snowdy Dodson	Board Member
California Regional Water Quality Control Board - Los Angeles Region	LB Nye	
California Regional Water Quality Control Board - Los Angeles Region	Deb Smith	Chief Deputy Executive Officer
California Regional Water Quality Control Board - Los Angeles Region	Sam Unger	Executive Officer
Chevy Chase Estates Garden Club	Marianne Bamford	Treasurer
Chevy Chase Estates Garden Club	Mary Betlach	President
Chief Transportation & Engineering Contractors	Jose L. Aceituno	Estimator / Project Manager
City of Arcadia Public Works Services Department	Phil Wray	City Engineer
City of Azusa	Daniel Bobadilla	Principal Civil Engineer
City of Azusa	Carl Hassel	City Engineer
City of Bradbury	Dominic Milano	City Engineer
City of Burbank	Sean Corrigan	Chief City Engineer
City of Claremont	Craig Bradshaw	City Engineer
City of Duarte	Craig Hensley	Director of Public Works
City of Glendale	Roubik Golanian	City Engineer
City of Glendora	Jerry Burke	Assistant Public Works Director/City Engineer
City of Irwindale	Kwok Tam	Director of Public Works/City Engineer
City of La Cañada Flintridge	Ying Kwan	City Engineer
City of La Verne	Dan Keesey	Public Works Department Head
City of Los Angeles	Fred Burnett	
City of Los Angeles	Gary Lee Moore	City Engineer
City of Los Angeles Bureau of Sanitation	Khalil Gharios	Division Manager

Agency/Organization	Name	Title
City of Los Angeles City Council District 2	Mary Benson	Senior Community Representative
City of Los Angeles Department of Building and Safety Code Enforcement Bureau	Wayne Tsuda	Program Manager
City of Monrovia	Jun Cervantes	City Engineer
City of Pasadena	Dan Rix	City Engineer
City of San Dimas	Lisa Monreal	Environmental Coordinator
City of San Dimas	Krishna Patel	Director of Public Works
City of Santa Clarita	Kerry Breyer	Senior Engineer
City of Santa Clarita	Oliver Cramer	Analyst
City of Santa Clarita	Robert Newman	
City of Sierra Madre	Chris Cimino	Deputy Director of Public Works
City of Sierra Madre	Bruce Inman	Director of Public Works
Community Forest Advisory Committee/Theodore Payne Foundation	Lynette Kampe	Executive Director
County of Los Angeles Department of Beaches and Harbors	Paul Wong	
County of Los Angeles Department of Beaches and Harbors	Santos H. Kreimann	Director
County of Los Angeles Department of Regional Planning	Nooshin Paidar	
County of Los Angeles Department of Public Health	Cindy Chen	Chief, R.E.H.S
County of Ventura Public Works Agency	Jeff Pratt	
Crescenta Valley Town Council	Cheryl Davis	Chair for La Crescenta Town Council
Crescenta Valley Town Council	Charly Shelton	
CUCA	Roberta Medford	
EnviroMINE, Inc.	Crystal Howard	Manager
Foothill Municipal Water District	Nina Jazmadarian	General Manager
Friends of Hahamonga	Mary Barrie	
H&B	Christle Balvin	
Holliday Rock Company	John Holliday	President
JPL	Merilee Fellows	Manager of Environmental Communications
JPL	Steve Slaten	Cleanup Program Manager
LA-32 Neighborhood Council & Sierra Club - Angeles Chapter	Tom Williams	Board Member
Los Angeles and San Gabriel Rivers Watershed Council	Drew Ready	Program Manager/ Watershed Coordinator

Agency/Organization	Name	Title
Los Angeles and San Gabriel Rivers Watershed Council	Nancy Steele	Executive Director
Los Angeles Audubon	Travis Longcore	President
Los Angeles Department of Water and Power	Susan Avila Suarez	
Los Angeles Department of Water and Power	Thomas Erb	Director of Water Resources
Main San Gabriel Basin Watermaster	Carol Williams	
Mountains Restoration Trust	Debbie Brushaber	Co-Executive Director
Neighborhood Unitarian Church	Robin Robinson	
Pasadena Audubon	Laura Garrett	
Pasadena Audubon	Mickey Long	
Pasadena Star-News	Frank Giradot	
Peck Road Gravel	Nick Bubalo	President
Public	Ginger Alberti	
Public	Susan Bartow	
Public	William Bertrand	
Public	Karen Bonfigli	
Public	Nancy Busacca	
Public	Bruce Campbell	
Public	Tori Collender	
Public	Robert Conner	
Public	Wynesta Dale	
Public	Bill Eutz	
Public	Caroline Brown	
Public	Dave Czamanske	
Public	Kiran Magiawala	
Public	Arthur Golding	
Public	Morton Gorel	
Public	Glen Owens	
Public	Lori Paul	
Public	Mary Hayden	
Public	Ginny Heringer	
Public	Cam Stone	
Public	Scott Wilson	
Public	Teresa Young	
Public	Janica Jones	
Public	Sally Kalaghan	
Public	James Kimmick	
Public	Roger Klemm	
Public	Dan Kronstadt	
Public	Elizabeth Lanski	
Public	Mike Lawler	
Public	Tim Martinez	
Public	Suzanna Mast	Public

Agency/Organization	Name	Title
Public	Lisa Novick	
Public	Sharon Olsen	
Public	Millie Paul	
Public	Robert Ruby	
Public	Michael Sabo	
Public	Allen Savedoff	
Public	Carole Scurlock	
Public	Marianne Simort	Public
Public	Alex Squiers	
Public	Emma Stark	
Public	Rody Stephenson	
Public	Darren Thorne	
Public	Dennis Van Bremen	
Public	Laurie Walcutt	
Public	Bill Weisman	
Public	Rebecca Latta	
Raymond Basin Management Board	Tony Zampiello	Executive Officer
Republic Services	Rafael Garcia	Communications Relation Manager
Republic Services, Inc/BFI of California, Inc.	Kurt Bratton	Market Vice President
Resident - Shadow Hills/La Tuna Canyon	Julia Tarnawski	Public
San Fernando Valley Audubon Society	Dave Weeshoff	President
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	Luz Torres	Staff Biologist
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	Valorie Shatynski	Acting Executive Officer
Sanitation Districts of Los Angeles County	Bob Asgian	Division Engineer
Sanitation Districts of Los Angeles County	Sam Shammas	Project Engineer
Sanitation Districts of Los Angeles County	Stephen R. Maguin	Executive Director
Santa Monica Bay Restoration Commission	Shelly Luce	
Santa Monica Mountains Conservancy Angeles District	Joseph T. Edmiston	Executive Director
Sierra Club	Don Bemner	
Sierra Club	Linda Doran	
Sierra Club Angeles Chapter	Joan Licari	
Sierra Club Angeles Chapter	George Watland	Conservation Program Coordinator
Slake Magazine	Emily Green	

Agency/Organization	Name	Title
South Coast Air Quality Management District	Barry R Wallerstein	Executive Officer
Stetson Engineers, Inc. (Raymond Basin Management Board)	Steve Johnson	Corporate Senior Vice-President, Principal Engineer
Theodore Payne Foundation	Destiny Floyd	
Theodore Payne Foundation	Jeanne Kirhofer	
Theodore Payne Foundation	Leslie Lipton	
Theodore Payne Foundation	Andrew Nabagiez	
Theodore Payne Foundation	Andrew Peck	
Theodore Payne Foundation	Ann Schultz	
Theodore Payne Foundation	Kevin Steinhauer	
Total Transportation Services, Inc.	Tony Williamson	Director, Business Development & Diversity Services
Trammell Crow Company	Jason Gremillion	
Transition San Fernando Valley	Bruce Woodside	Steering Committee Member
TreePeople	Rebecca Drayse	
U.S. Army Corps of Engineers	Ned Araujo	
U.S. Army Corps of Engineers	Daniel P. Swenson	Chief, Los Angeles Section, North Coast Branch
U.S. Army Corps of Engineers Los Angeles District (SPL)	Tomas G. Beauchamp	Chief, Operations Branch
U.S. Fish and Wildlife Service	Ren Lohofener	Regional Director, Pacific Southwest
U.S. Forest Service - Angeles National Forest	Sonja Bergdahl	Forest Engineer
U.S. Forest Service - Angeles National Forest	Esmeralda Bracamonte	San Gabriel River Ranger District Resources Officer
U.S. Forest Service - Angeles National Forest	Marty Dumpis	Deputy Forest Supervisor
U.S. Forest Service - Angeles National Forest	Tasha Hernandez	Santa Clara/Mojave Rivers Ranger District Resources Officer
U.S. Forest Service - Angeles National Forest	Lisa Northrop	Resources and Planning Staff Officer
United Rock Products	Dave Huss	
United Rock Products	Russ Caruso	
Urbanwild Network	Laurie Gould	
Urbanwild Network	Susan Rudnicki	
Vulcan Materials Company	Sid Rodriguez	Raw Materials Coordinator HMA - Operations Western Division - Irwindale
Vulcan Materials Company	Charles St. John	LA Regional Environmental Manager
Vulcan Materials Company	Jeff Cameron	

Agency/Organization	Name	Title
Vulcan Materials Company	Gary Goellner	Regional Operation Manager
Vulcan Materials Company	Mike Linton	VP
Waste Connections Inc.	Mike Dean	District Manager
Waste Connections Inc. SCS Engineers	Robert Johnson	Senior Project Director
Waste Management	Brent Anderson	District Manager
Waste Management	Damon DeFrates	
Watershed Conservation Authority	Jane Beesley	Deputy Executive Officer
Watershed Conservation Authority	Rob Romanek	Project Manager
Weston Solutions	Rod Tobias	
Weston Solutions	Michael Drennan	Vice President, California Regional Manager

**Sediment Management Strategic Plan
Task Force Meeting # 3 Attendee List**

Agency/Organization	Name	Title
Arroyo Seco Foundation	Wilson Lau	Watershed Coordinator
California Native Plant Society/ Theodore Payne Foundation	Snowdy Dodson	Board Member
California Regional Water Quality Control Board - Los Angeles Region	LB Nye	
City of Arcadia Public Works Services Department	Tom Tait	Public Works Director
City of Los Angeles City Council District 2	Mary Benson	Senior Community Representative
City of Monrovia	Mark Carney	Department Director
City of Santa Clarita	Kerry Breyer	Senior Engineer
Community Forest Advisory Committee/Theodore Payne Foundation	Lynette Kampe	Executive Director
County of Los Angeles Department of Beaches and Harbors	Paul Wong	Chief, Planning Division
EnviroMINE, Inc.	Crystal Howard	Manager
Foothill Municipal Water District	Nina Jazmadarian	General Manager
Foothill Trails District Neighborhood Council	Vikki Brink	Committee E8 Chair (Equestrian)
Foothill Trails District Neighborhood Council	Nancy Woodruff	President
Friends of Hahamonga	Mary Barrie	
Katherine Padilla & Associates (KP&A)	Katherine Padilla	President
Los Angeles Department of Water and Power	Susan Avila Suarez	
Los Angeles/San Gabriel River Watershed Council	Deborah Glaser	Policy & Comm.
Neighborhood Unitarian Church	Robin Robinson	
Public	Nils Brink	
Public	Caroline Brown	
Public	Kiran Magiawala	
Public	Glen Owens	
Public	Lori Paul	
Public	Cam Stone	
Public (Resident of Shadow Hills/La Tuna Canyon)	Julia Tarnawski	Public
Public	Scott Wilson	
Public	Terry Young	
Raymond Basin Management Board	Wendy La	Staff Engineer
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	Luz Torres	Staff Biologist

Agency/Organization	Name	Title
Sanitation Districts of Los Angeles County	Sam Shammas	Project Engineer
SCS Engineers	Dan Vidal	Project Director
Shadow Hills Property Owners Association (SHPOA)	Dave DePinto	
Sierra Club	Dave Czamanske	
Sierra Club	Linda Doran	
Slake Magazine	Emily Green	
Stetson Engineers, Inc. (Raymond Basin Management Board)	Steve Johnson	Corporate Senior Vice-President, Principal Engineer
Total Transportation Services, Inc.	Tony Williamson	Director, Business Development & Diversity Services
U.S Forest Service - Angeles National Forest	Graham Breakwell	
United Rock Products	Russ Caruso	
United States Forest Service	Chris Fabbro	Lands Specialist
Urbanwild Network	Laurie Gould	
Urbanwild Network	Susan Rudnicki	
US Army Corps of Engineers	Mike Farris	O&M Section Chief
USDA - Forest Service	Sean Barry	Assistant Resource Officer - San Gabriel River Regional District
Vulcan Materials Company	Jeff Cameron	
Vulcan Materials Company	Gary Goellner	Regional Operation Manager
Vulcan Materials Company	Mike Linton	Vice President
Watershed Conservation Authority	Jane Beesley	Deputy Executive Officer
Watershed Conservation Authority	Rob Romanek	Project Manager
Weston Solutions	Michael Drennan	Vice President, California Regional Manager