

**Biosolids Action Team (BAT)**  
**Management Review Meeting Summary**  
April 28, 2005

**Attendees:**

Mark Starr, HTP	Diane Gilbert, RAD	Omar Moghaddam, RAD
Emmanuel Alloh, HTP	Seung Oh, HTP	Susan Chang, EMD
Ernesto Libunao, HTP	Ben Attai, RAD	Reina Pereira, WESD
Patricia Cruz, HTP	Joe Pascu, HRDD	George Raymond, TITP
George Matevossian, IWMD	Doug Walters, SRPCD	Dwight Riley, TITP
Steve Fan, HTP	Hub Cox, HTP	Chuck Turhollow, HRDD
Tim Dafeta, IWMD	Michael Simpson, IWMD	Arturo Perez, HTP
Doug Bohlmann, HTP	Mihran Sarkisian, HTP	Mas Dojiri, EMD

1. Minutes of last meeting were reviewed; comments will be incorporated and final summary will be posted.
  
2. **EMS** (*Patricia Cruz reported*)
  - **Revised Policy training: Joe Pascu reported** 81% compliance; 401 out of 493 Bureau staff have completed the training; HRDD set the deadline to complete training by May 2<sup>nd</sup>.
  - **Goals and objectives** –Goals stated in the policy statement were reviewed; objectives were reviewed and each division present gave an update. All but SRPCD and TITP objectives are on schedule. SRPCD was targeting to increase production to 1800 tons but due to unusual heavy rain this season, the increase in production will not be met by June 2005. TITP's objective is to achieve 26% wet cake density. Due to equipment failure and inability to find replacement parts for the Sharples Centrifuge, TITP is forced to rely on the Ingersol Rand Centrifuge. The Ingersol Rand unit is not capable of the same dewatering ability as the Sharples. However, an Interim Centrifuge Project is being designed to eventually overcome this deficiency.
  - **Internal Audit** – Internal audit training was completed. The team was selected and the schedule with participants, location and auditors' name was distributed.
  - **Review of Nonconformances from previous audits** – 2004 Nonconformances from third party were all corrected; recommendations from 2004 internal audit were also reviewed and discussed:
    1. Divisions should be notified of significant EMS information. Some have already included EMS as an item in staff meeting. Some decided to have the EMS rep disseminate this information via email to division staff.

2. Notification or training Bureau staff on revised policy to be completed prior to internal audit. This was addressed above by HRDD.
  3. SOPs for Dewatering and Digestion processes should be completed prior to internal audit.
- **EMS Outcomes** -The EMS outcomes were discussed and a list was developed based on meeting the policy and the program goals and objectives achieved. A draft list was distributed and final comments are due by end of the month.

### 3. Other:

After the meeting, new members of the Management Review Team attended the EMS overview management training. Some members also attended as a refresher course. Attendees were Omar Moghaddam, George Raymond, Chuck Turhollow, Tim Dafeta, Joe Pascu, Michael Simpson, and Mas Dojiri. Diane Gilbert conducted the training.

## EMS Outcomes – City of Los Angeles (June 2005)

Outcome Area	Accomplishment
Regulatory Compliance	<p>Maintained Class A compliance with Kern County ordinance since 2003.</p> <p>The City and contractor have met and exceeded all land application requirements since EMS implementation in 2002.</p> <p>The City continues to comply with the biosolids requirements, U.S. EPA Part 503 rule since the rule was promulgated in 1993.</p>
Relations with Interested Parties	<p>Since implementing the EMS and land applying Class A at the farm, no odor or fly complaints have been received.</p> <p>Website updated four times this year to provide information on the biosolids management program</p> <p>Held several meeting with allies at Kern County using the conference center.</p> <p>Provide information to news media through interviews, website, hotline and videos.</p> <p>EMS website hits have been increased by 5,500 per month and posted invitations to participate in the internal and interim audit, review scope and audit reports, added Farming Operations section, and posted performance and audit reports.</p> <p>Participated in televised Biosolids Forum in Kern County</p> <p>Developed and distributed the Biosolids Fact sheet, revised EMS brochure, and annual performance report.</p> <p>Participated in Sewer Science Project in partnership with IWMD.</p> <p>Made presentations at El Segundo Citizens, IRP, and Griffith Park Resource Board meetings concerning EMS changes, meeting goals and objectives, and audit results.</p> <p>Annual performance report was distributed to approximately 275 interested parties and posted on website.</p>
Environmental Performance	<p>No detection of dioxins and PCBs</p> <p>Metal concentrations are below regulatory limits</p> <p>The metals content in biosolids will continue to be tracked.</p> <p>Dental permitting program was instituted to help maintain mercury concentrations in biosolids.</p>

Outcome Area	Accomplishment
Quality Practices	<p>All biosolids produced by the City meets EQ standards.</p> <p>An odor neutralizer system is being used at the truck loading facility to neutralize the odors coming from the trucks during transport.</p> <p>BEDRTS, the EMS database is available through the Bureau's intranet where staff can read and print any biosolids documents or records such as SOPs, policies, procedures, lab data, etc.</p> <p>EMD's biosolids-related SOPs were updated.</p> <p>Provided training on SOPs, revised Biosolids Policy Statement, and spill response plan.</p>