

ODOR CONTROL ADVISORY BOARD

Bahai Center
5750 Rodeo Road
January 26, 2009

MEETING #33 MINUTES**Attendees:**

ODOR ADVISORY BOARD MEMBERS AND GUESTS	CITY OF LOS ANGELES REPRESENTATIVES
Ms. Carol Tucker	Mr. Ali Poosti, Asst. Mngr, Bur. of Sanitation, WESD
Mr. Sam Hart	Mr. Vlad Lorenzo, Bureau of Sanitation, WCSD
Mr. Milton Bassett	Mr. Scott Hare, Bureau of Sanitation, WESD
Mr. Victor Nahmias	Mr. Rafael Yanez, Bureau of Sanitation, WCSD
Ms. Opal Young	Ms. Farah Lavergne, Bureau of Sanitation, WESD
Ms. Zoe Rawson, City Project	Mr. Mark Smith, HDR Engineering Inc.
	Mr. Dick Pope, Malcolm Pirnie Inc.

Meeting Minutes recorded by: Farah Lavergne, Bureau of Sanitation

Chairperson: Ms. Carol Tucker

Handouts Agenda

Introductory Issues

The previous meeting minutes dated July 14, 2008 was approved.

Odor Control update

Mr. Ali Poosti introduced consultants; Mr. Mark Smith of HDR and Mr. Dick Pope of Malcolm Pirnie who will be working on the Air Treatment Facility study. They gave a presentation on the scope of their work and project timeline.

Mr. Scott Hare brought several media samples which were used in the past and samples that are being tested and will be used in the upcoming bio-media system. The Odor Board members had concern about using new media. Scott assured the members that they are basically the same; all being plastic therefore inert.

Questions, Answers and Action Items:

	Issues	Questions/Comments	Responses/Action Items
1-	ATF Study	<p>Mr. Nahmias said that there are two ATFs being constructed. Will this relieve the back up from NORS?</p> <p>Mr. Nahmias said back 20 years ago it was said that the NORS line is so big that it will never get full – what happened to that statement?</p> <p>Mr. Nahmias asked if a fan was going to be used to convey gases from NORS to NCOS?</p> <p>Mr. Nahmias said he is very interested to see what results.</p>	<p>Vlad said the two ATFs will relieve the back up from ECIS and NCOS siphons. Mark explained in his presentation that they are testing the possibility of connecting NORS to NCOS that currently has negative pressure. If successful, this should relieve some back up pressure in NORS.</p> <p>ECIS is adding more flow to NORS. Also NOS is isolated and being repaired which once completed will relieve NORS.</p> <p>Mark said that first they will see if passive connection will move air effectively; if not, then they will use a fan to measure the flow.</p> <p>Dick Pope said the negative pressure in NCOS is quite good that it should pull enough air through.</p> <p>Ali said that this study will do Air Modeling for the large sewers, and study the five areas planned for the ATFs. It will be a comprehensive study to see what suit each community best.</p> <p>City staff concurred.</p> <p>Scott described in more detail types of plastic media used in the past and media to be used in the upcoming ATFs. He stated that Orange County uses product by Zander. It is Poly-propylene plastic. Layers of this product are added as needed. The other media is by Matala which is Poly-ethylene plastic. This media can be fine tuned for various densities and shapes. Media is put in a container so that bacteria can attach to it. The bacteria present are sprayed with</p>

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2 -	ATFs and Scrubbers	<p>Mr. Nahmias asked what the by-product is?</p> <p>Ms. Tucker asked when the 2 ATFs will be completed.</p> <p>Ms. Opal Young said that the odors at Crenshaw and MLK is so bad that its embarrassing. What gets done when an odor complaint is made?</p> <p>Ms. Young said Rodeo near Dorsey High School; the odor is bad every day.</p> <p>Ms. Zoe Rawson asked if that was an ATF or a Carbon scrubber and what is the difference?</p> <p>Ms. Tucker said that Dorsey High School is a problem area.</p> <p>Ms. Opal Young said that they have been dealing with this for 35 years. Why is this odor problem still here?</p>	<p>nutrition from a nozzle attached on top of the vessel. The nutrition is nothing more than plant food mixed with water. The bacteria consume Hydrogen Sulfide (H₂S) source of bad sewer odors.</p> <p>Mark said sulfuric acid (H₂SO₄) is the by-product which trickles down to the base, and is drained to the sewer.</p> <p>Scott added that several products will be tested to see which will perform best in removing H₂S.</p> <p>ECIS ATF completion date is September 2010, and NCOS ATF is February 2011.</p> <p>Rafael said immediately after the phone call, usually within an hour staff from a yard is dispatched to the site to investigate. If they can not find the cause of odors then they'll contact Rafael or Vlad who will go to the site to investigate the problem.</p> <p>Rafael said couple of traps was replaced; areas that were venting were plugged. Lines were retrofitted to keep gases in the large lines.</p> <p>Carbon scrubber is temporary system while an ATF is a permanent 2-process treatment system.</p> <p>There is a temporary scrubber there.</p> <p>It was stated that this Study is on the right track to address the odor problems.</p>

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3.	ATF at Jefferson & LaCienega	Mr. Milton Bassett produced an overview of LA's sewer system and asked why an ATF was needed at the ECIS siphon at Jefferson and La Cienega?	City staff said this ATF is needed to relieve back pressure caused by this siphon.
4.	NORS	<p>Ms. Zoe asked if this study will address the issues Mr. Bassett mentioned.</p> <p>Mr. Bassett asked if we have looked at using a fan at the NORS siphon to suck the gas.</p> <p>Ms. Zoe asked why these issues haven't been addressed already in the last 7 years.</p> <p>Ms. Opal said that what ever the city is doing is not working.</p>	<p>Scott said the Study will address these issues plus more.</p> <p>Scott said yes; City is looking at that.</p> <p>Rafael said because the sewer structures are constantly changing; therefore, the problems are changing. That's why the plans to build remaining 5 ATFs are being reconsidered.</p> <p>Rafael said that we are doing many things to suppress the odors. New sewers are being built, chemical treatment is being used, flows are being redirected, and sewers are continuously being cleaned.</p>
5.	City Project	Ms. Zoe asked when will they get a response to their letter?	Ali said they just received a hard copy of their letter today. In two weeks a workshop will be held with City Project, EPA and the stake holders.

Future Agenda:

The next meeting will be scheduled at the Bahai Center in approximately ????