

South Bay Odor Stakeholders' Group

Meeting Minutes

Date: April 20, 2017

Time: 11:30 am – 1:30 pm

Location: Sonesta Silicon Valley (1820 Barber Lane, Milpitas)

Attendees: See Sign-in Sheet

Recorder: Josh Mills, Republic Services

Discussion

Evan Boyd	Introductions, asked everyone to sign in, reviewed the last meeting minutes, inquired if anyone needed modifications to the minutes or any action items that were not addressed and distributed current agenda. Minutes were reviewed – no comments were advocated. All of the previous meeting minutes are posted on the SBOSG website for reference.
Evan Boyd - Josh Mills	<p>Landfill gas collection and control system expansion update. Since the last quarterly meeting in January, Republic was able to complete the installation and commissioning of 29 new vertical extraction wells and associated collection infrastructure. The well depths varied from 100' to 140', measured from top of existing grade to the bottom of casing. Casings were 6" diameter high density polyethylene. Perforations for gas collection started at the bottom of the casing and were installed continuously up the casing within 10' of the existing grade. The perforations were designed to enable the well to collect both the gas at depth and shallow gas that could be emanating from the more recently placed waste. Vacuum was conveyed to the new wells using large 12" diameter header lines and individual well lateral lines. After the new wells were drilled, each one was evaluated for liquids extraction infrastructure, by taking liquid level measurements and comparing those measurement to the length of perforation. In order to maintain a healthy well field, Republic continuously measures liquid levels and rotates pumps to prevent liquid build up and effectively collect more gas. Of the 29 wells that were installed, 16 were candidates for liquid extraction infrastructure. Air lines, liquid forcemain, pneumatic pumps and associated fittings were installed to service these 16 identified wells. As a result of the gas expansion project, Newby is collecting approx. an additional 500 scfm landfill gas at the flare station. The well field at Newby consists of approx. 300 extraction wells and is continuously evaluated for expansion opportunities.</p> <p>Newby is also evaluating an opportunity for a high BTU direct gas pipeline injection project, where the collected landfill gas would be cooled and compressed before being introduced to a PG&E pipeline. The project would be a joint venture between Republic and PG&E. Republic is currently in the process of vetting a few developers to facilitate this project which will involve selling the gas rights and brokering the deal with PG&E. The site is still a couple years out from breaking ground and, in the meantime; we will look for additional</p>

	beneficial re-use opportunities or will continue to abate the collected landfill gas via the two low emission flares.
Jeanne Serpa	Website has been updated with the gas project and meeting minutes. There is an opportunity to receive email update notifications.
Evan Boyd	Asked the group for agenda item contributions and presentation ideas for the next meeting.
John Marvin	Requested a discussion regarding the regional odor study stipulation per the recently approved PD Permit. Will continue to push to get ZWED and Waste Water Treatment plant representatives to the table.
Tim	Senator has drafted bill SB168. Will place more recycling responsibilities on the product distributor. Requested your thoughts as it goes through the legislative process.

Action Items

1. CalRecycle to present next meeting.
2. Include Regional Odor Study on next agenda.

Next Meeting

Thursday, July 20, 2017, 11:30am to 1:30pm, Sonesta Silicon Valley (1820 Barber Lane, Milpitas)