

CITIZEN'S ADVISORY BOARD

Cherry Island Landfill

October 17, 2011

Notes

The October 17, 2011 meeting of the Citizen's Advisory Board (CAB) commenced at 5:10 p.m. in the Conference Room of the Delaware Recycling Center, 1101 Lambsons Lane, New Castle.

Attendees:

CAB

Thomas Mitten
Vince D'Anna

DSWA

Richard Watson
Robin Roddy
Michael D. Parkowski
Uriel Rodriguez

DNREC

Robert Hartman
Bryan Ashby

Overall Recycling Update

Mr. Mitten asked for an overall update on recycling with regard to education, funding through the Bottle Bill and curbside collection.

Mr. Parkowski gave an overview on DSWA's current recycling activities. DSWA funded and broadcast a series of radio commercials targeted at single stream recycling education. In addition, RPAC, headed by DNREC, has developed billboards, radio ads and newspaper ads targeted at educating the public on single stream recycling. DSWA and DNREC joined together to develop a "How To Recycle" guide, which would be distributed in various ways.

CAB members expressed a concern that the general public needs more education and information about single stream recycling. Suggestions for enhancing outreach from the CAB members included newspaper inserts, refrigerator magnets and radio and public television commercial spots.

Mr. Mitten enquired about the status of Bottle Bill monies for use as recycling grants. Mr. Ashby explained that money has been collected and issued as grants; however, he did not have specific amounts. He indicated that grant money has been used for the purchase of recycle bins and recycling trucks. DNREC also indicated that they would be working closely with the Division of Revenue (DOR) to monitor and increase the enforcement of the Bottle Bill fund collection.

Mr. Mitten enquired about curbside recycling and the igloos. Mr. Parkowski explained that the haulers are working with customers as far as providing the right size bin per household. Some

haulers are providing a recycling pick-up weekly as opposed to bi-weekly. Mr. Watson explained that the drop-off igloo volumes have gone down as expected. Mr. Watson indicated that drop-off igloo sites may be reduced as needed but will likely always be an option for citizens.

Department of Natural Resources and Environmental Control (DNREC) updates

Mr. Hartman presented DNREC's update on their activities at Cherry Island Landfill (see attached). Mr. Hartman reported that DSWA continues to find excessive amounts of methane from some gas probes located around the perimeter of the landfill. DSWA completed a gas study, which confirmed that these probes are being impacted by natural gas from the decomposition of the dredge spoils. DNREC has asked DSWA to revise their landfill gas monitoring plan to reflect this. DSWA will abandon the probes providing misleading information and develop a revised landfill gas monitoring plan to submit to DNREC in October 2011.

Mr. D'Anna enquired about the status of landfill gas recovery at CIL. Mr. Watson indicated that DSWA had entered into an Agreement with Cummins, who will be purchasing the landfill gas and selling it to various local end users. DSWA had originally set aside a portion of landfill gas for the City of Wilmington's (COW) use at their wastewater treatment plant. Unfortunately, the total amount of gas being generated at CIL is projected to be lower than originally estimated due to a decline in waste volume intake. DSWA is no longer able to guarantee the COW the quantity of gas they need, and still meet their contractual obligation with Cummins. DSWA informed the COW of the situation and facilitated recent negotiations between the COW and Cummins directly. The COW could potentially be an attractive end user for the Cummins project.

Mr. Hartman reported that DSWA reported a liquid condensate spill from the landfill. It was estimated that approximately 185 gallons of condensate was discharged into a drainage ditch along the northern perimeter of CIL. DNREC issued a Notice of Violation (NOV) in response to this event. As a result, DSWA modified its condensate management practices to prevent such an incident in the future. Mr. Hartman reported that the NOV was closed. Ms. Roddy explained that DSWA developed a new condensate removal procedure, which includes pumping condensate into totes and discharging the totes into a wastewater receiving station on site.

Mr. Hartman also reported that on September 9, DSWA reported a leachate leak from a leachate clean-out pipe located on the north side of the landfill. It was estimated that several hundred gallons spilled out of a pipe. The leachate was contained on site. DSWA is continuing to investigate the situation and keep DNREC informed.

Mr. Hartman reported that DNREC suspended the landfill yard waste Ban for approximately ten (10) days after Hurricane Irene.

CAB Meeting Schedule

The calendar year 2012 meeting schedule was discussed. The following dates were suggested and tentatively agreed upon pending input from other CAB members.

Monday, 01/09/12

Monday, 04/16/12

Monday, 07/16/12

Monday, 10/15/12

Meeting adjourned at 6:26 p.m.

DSWA Cherry Island Landfill Summary for the Citizens Advisory Board
Prepared by Robert Hartman, DNREC Solid & Hazardous Waste Management Section
October 17, 2011

1. The DNREC has received no odor complaints concerning the landfill so far this year (January through September 2011).
2. There have been no fires reported at the CIL during the period of January through September 2011.
3. DNREC staff continued to inspect the facility and 12th Street for litter and dust, and through September 2011, we have found the DSWA to be satisfactorily controlling litter and dust both on site and off.
4. DSWA continued to find excessive amounts of methane in some gas probes along the perimeter of the landfill. DSWA has completed a gas study which demonstrates that some of the gas probes are being impacted by methane from dredge spoils rather than from the landfill. We have asked DSWA to modify their gas monitoring/gas monitoring plan to address this.
5. No prohibited wastes were reported received at the landfill during the past quarter. No prohibited wastes have been reported so far this year (January through September 2011).
6. On February 28, 2011, DSWA reported that liquid condensate from the landfill gas collection system was mistakenly pumped from a swale on the landfill into the stormwater channel on the north side of the landfill. DSWA estimated that a maximum volume of 185 gallons of condensate may have been discharged in this manner. The DNREC issued a notice of violation to the DSWA for this discharge. As a result of this spill, DSWA has changed the way that they manage leachate condensate. On July 26, 2011, the DNREC closed this NOV.
7. On September 9, 2011, DSWA reported that there had been a leachate leak from a leachate cleanout pipe on the north side of the landfill. DSWA estimated that several hundred gallons of leachate spilled out of the line and that all leachate was contained on the landfill with no discharge to surface waters. The DSWA continues to investigate the cause of the leak, but believes that pressure in the line may have forced the cap off of the cleanout pipe, allowing leachate to drain into an internal stormwater ditch. DSWA collected and removed all ponded leachate as well as contaminated soil from the ponded area.
8. DSWA remains in compliance with the conditions of the Yard Waste Ban.