

CITIZEN'S ADVISORY BOARD

Cherry Island Landfill

July 19, 2010

Notes

The July 19, 2010, meeting of the Citizen's Advisory Board (CAB) commenced at 5:15 p.m. in the Conference Room of the Delaware Recycling Center, 1101 Lambsons Lane, New Castle.

Attendees:

CAB

Thomas Mitten
Vince D'Anna
Debra Deubert
Thomas Noyes

DSWA

Richard Watson
Robin Roddy
Michael D. Parkowski
Pam Williamson

DNREC

Nancy Marker
Robert Hartman

Introductions

Department of Natural Resources and Environmental Control (DNREC) Updates

Mr. Hartman presented DNREC's update on their activities at the Cherry Island Landfill (see attached).

Cherry Island Landfill Annual Update

Mrs. Roddy updated the CAB on the current activity at the Cherry Island Landfill (CIL). CIL received 422,147 tons of waste in FY'10. That is down from the 448,612 tons in FY'09. There have been no violations or odor complaints over the last year. 4,580 tons of yard waste was received at CIL and the majority was composted and used on the landfill. There were only two violations issued in 2010 to haulers who brought in yard waste. Haulers are receiving fines now that the grace period for warnings is expired. DSWA is also cleaning up the material that can't be shredded at the three DNREC yard waste sites. Just this week DSWA pulled out 40 tons of reject material from the DART site. Mr. D'Anna asked why DNREC closed one of the sites. Mrs. Marker said it was a legislative mandate.

Cherry Island produces 5,000 cubic feet per minute of landfill gas. That gas is compressed and sent to the Conectiv plant a mile away. Calpine has just purchased Conectiv and they will still be taking the landfill gas. DSWA is also soliciting other proposers for beneficial reuse of the landfill gas. Calpine charges that they will not be burning coal at the Wilmington plant; because of this their contract with DSWA to dispose of ash is terminated.

The expansion project, which started in September 2006 at CIL, should be completed this fall. Construction is still on schedule. This construction will add fifteen million cubic yards of additional capacity without changing the footprint. Mr. D'Anna wanted to know how

many extra years this would give CIL. Mrs. Roddy said that currently CIL is consuming 500,000 cubic yards a year. This could definitely change because of growth. The rough estimate at this time, with current tonnage figures, would be an extra twenty-five years of life. Mr. D'Anna asked how the single stream recycling impacted CIL. Mr. Watson said that DSWA's single stream and drop-off program tonnage statewide has stayed steady from FY2009 with 32,000 tons to FY2010 of 33,000 tons. He also noted that the solid waste tonnage numbers have decreased statewide (from 922,500 tons in FY2009 to 864,000 tons in FY2010) and that was making more of an impact on the landfills. Mr. Mitten asked what the numbers are for other people picking up single stream. Mr. Parkowski said that RPAC has a contract with DSM Environmental to survey all the private entities doing recycling; it is not just limited single stream or haulers. It includes all single source companies doing recycling also. The numbers are based on a calendar year. DSM calculates all the EPA defined municipal solid waste recycling. The breakdown is listed in the RPAC report.

Universal Recycling Method

Mr. Parkowski said that with the universal recycling method the recycling rates will really change when the private haulers start collecting single stream. Mr. Mitten wanted to know how it would impact DSWA. Mr. Watson said that DSWA will no longer be doing curbside collection but will still be providing the drop-off centers for residents. This would take care of residents who don't have a trash hauler. Mr. Mitten asked if all the recyclables will be brought to DSWA. Mr. Parkowski explained that the haulers don't have to bring their recyclables to DSWA. The RPAC report does capture that number. The haulers will be required to report the tonnage that they recycle so the future RPAC reports will be complete. Mr. D'Anna said he was concerned about the potential lack of markets for recycling. Mr. Parkowski said that hopefully there will be more domestic markets to use the recycling material. Mr. Watson said that Waste Management and Allied were developing projects to use their recycled materials. Municipalities were receptive to universal recycling. DSWA is giving the recycling carts to the municipalities. Mr. Noyes wanted to know what the recycling impact will have on CIL. Mr. Watson said that DSWA doesn't look at the individual sites but at the state as a whole. Mr. Parkowski said that Universal recycling plus the other items to be implemented from the statewide solid waste management plan would add approximately 25 years to the current life of all the landfills. DSWA based that on 2% growth and implementing all the items in the plan.

Statewide Solid Waste Management Plan (SSWMP)

Mr. Parkowski announced that the DSWA Board had approved the new SSWMP. One of the big pieces of the SSWMP was the universal recycling method, so that is a good start. There are other items that will need to be implemented to get to DSWA's 10-year goal and DSWA will be promoting them. After five years DSWA will do a report to review the status of the SSWMP. The SSWMP is available on DSWA's website.

Yard Waste Collection Program

Mr. Mitten wanted to know if DSWA will be going out of yard waste collection. Mr. Parkowski said that DSWA will have to get out of yard waste collection in September of 2011 just like the curbside collection. Mr. D'Anna asked if the yard waste would come to DSWA. Mr. Parkowski said that in New Castle County most of the yard waste is going to Wilmington Organics. The material that comes to DSWA is mulched and used at the landfill.

Citizen's Advisory Board Annual Report

Mr. Mitten asked the Board members that were present to review the Annual report that he had prepared. He will revise it and send it out electronically to be approved. (See attached) Mr. Mitten asked if there was a reason to continue the CAB after the expansion project was completed. Mrs. Marker said that the CAB was linked to the permit not necessarily the expansion project. She said that once the project is over maybe the CAB would like to change the frequency of the meetings. Mr. Mitten said that the CAB could look at changing the meeting dates. Mr. Watson noted that DSWA staff will present the DSWA Board with any comments from the CAB. Mr. Hartman said that the CAB was established through the Secretary's Order that preceded the permit to establish a connection between the citizens and DSWA. Mr. Parkowski said that the CAB has been a benefit to DSWA. It has been great to have this information exchange.

Other Business

Mr. Mitten noted that the April 2010 meeting was cancelled. He also updated the present Committee member's contact information. Mr. Mitten, with the Committee's concurrence, will send a letter to Representative Plant asking for a reappointment from her. Her current appointee has not been to a CAB meeting since July 2007.

MOTION A – Moved by Mr. D'Anna

“Appoint Mr. Thomas Noyes as vice-chairman of the Citizen's Advisory Board.”

Second – Mrs. Deubert

Vote – Unanimous

(Mitten, D'Anna, Deubert, Noyes)

MOTION ADOPTED

(Unanimous)

The next meeting will be held on October 18, 2010 at the Cherry Island Landfill with a revised start time of 4:30 to accommodate a tour of the expansion project.

Meeting adjourned at 6:30 p.m.

DSWA Cherry Island Landfill Summary for the Citizens Advisory Board
Prepared by Robert Hartman, DNREC Solid & Hazardous Waste Management Branch
July 19, 2010

1. During the first two quarters of 2010, DNREC received no odor complaints concerning the Cherry Island landfill.
2. During the half of 2010, the DNREC on-site inspector continued to inspect the facility and 12th Street for litter and dust. During this time, we found the DSWA to be satisfactorily controlling litter and dust both on site and off.
3. On January 20, 2010, DSWA reported a spill of approximately 15 to 20 gallons of potassium hydroxide solution at the LoCat. DSWA removed the spilled liquid as well as contaminated soils. On March 2, 2010, DSWA spilled approximately 40 gallons of landfill gas condensate near the enclosed gas flares. DSWA collected ponded liquid and removed contaminated gravel.
4. On June 1, 2010, DSWA reported a small fire involving a mattress dumped onto the commercial working face. DSWA removed the mattress and extinguished it. There were no injuries and no damage to landfill systems or equipment.
5. DSWA continued to find excessive amounts of methane in some gas probes along the perimeter of the landfill. According to DSWA, studies to-date indicate that the methane seen in these probes originates in the dredge spoils.
6. DSWA reported the receipt of prohibited wastes on May 18 and June 4, 2010 (suspected asbestos shingles). DSWA operations staff discovered the material in loads brought to the commercial working face and took appropriate actions to report the material and to ensure its safe disposal.
7. DSWA remains in compliance with the conditions of the Yard Waste Ban. This year, DSWA has issued 2 citations to haulers attempting to dispose of yard waste at the working face. Additionally, DNREC inspectors found no excessive amounts of yard waste at the CIL working face during the first and second quarters of 2010.