

**Town of Henniker
Solid Waste Disposal Committee**

**Eleventh Meeting: Thursday, January 8, 2009
The Grange**

Approved Meeting Minutes

Present: Chairman John Kjellman, Bill Christiano, Lia Houk, Donna MacMillan, Linda Patterson, Rod Pimentel, Donald Blanchard, and Michael French, Amanda Gilman

Absent: None

The Chairman called the meeting to order at 7:06 p.m. and began by stating that the recording secretary was not present and that Amanda Gilman would be recording minutes. He continued to offer clarification of the rules for recording committee meeting according to the Town of Henniker's Attorney. He went on to paraphrase that any person, committee member or not, may record a meeting at will for their own personal use. A committee may vote to not allow recordings a permanent part of the record, but the recording may be used to develop the minutes. **Don Blanchard made a motion that this committee not assume custody nor retain as part of the committee's or town records any recording of committee meetings. The motion was seconded by Bill Christiano and carried unanimously.**

- 1) John Kjellman stated that Stephany Lavalley and Ron Lavalley had resigned from the committee, and that the selectmen had accepted their resignations.
- 2) John Kjellman stated that there would be a guest speaker at the next meeting on 1/22/09. Tony Giunta from American Energy Independence Company would be coming to discuss the recycling of cooking oil from restaurants. He has been working with The Red Blazer in Concord and has been working with Daniel's Restaurant in Henniker.
- 3) John Kjellman reported on a recent article in the Concord Monitor on Concord's movement towards the SMART plan or (pay as you throw) PAYT. He pointed to the citizen reactions to the article posted on the Monitor's website. He noted 4 positive reactions, 9 negative, typically about not wanting higher taxes, and 5 that were difficult to categorize. He pointed out that this is likely similar to what Henniker would encounter should it pursue any of the possible programs, but that this was something that would be addressed at a later date after our committee submits its report to the selectmen. He made note of one particular argument, which suggested that as it is currently, the cost for Solid Waste disposal is included in the property tax rate, and is therefore tax deductible. Some costs of PAYT or SMART programs however, are not property taxes and therefore are likely not tax deductible. This could actually cost the taxpayer more than is apparent on the surface. Committee members agreed that this issue would have to be further explored for possible inclusion in the report.

- 4) The minutes for the December 11, 2008 meeting were reviewed and a few corrections noted. **Lia Houk made a motion to approve the minutes as amended; it was seconded by Donna MacMillan and carried unanimously.**
- 5) Linda Patterson asked for clarification on task nine that she and Donna MacMillan were pursuing. Discussion ensued with consensus that their goal was to collect information on all aspects of solid waste and recycling of neighboring towns. The purpose is to understand what our neighbors and peers have for policies and operations and how this is working. Not necessarily where their solid waste and recyclables go.
- 6) Discussion ensued on the volatility of the recycling market. Rod Pimentel suggested that the committee needs to include in its report, a dollar value that is received for recyclables beyond which it is not cost effective to recycle, and recyclables should be disposed with solid waste. John Kjellman agreed that the committee needs to develop the idea that there is a bottom line for recyclable revenue beyond which it is no longer cost effective to recycle, as this would also decrease the amount of manpower needed at the Transfer Station. The committee agreed.
- 7) Chairman John Kjellman submitted a draft for review of a letter on behalf of the committee to Ron and Stephanie Lavallee. The letter serves to thank them for their contributions, convey regret that they will no longer be on the committee and to wish them well. **Donna Macmillan made a motion to send the letter as is to the Lavalles, it was seconded by Linda Patterson and carried unanimously.**
- 8) Recycling Committee update by Amanda Gilman. She reported that Bob Pennock had the Recycling and disposal mailer reviewed by four people with many years in the industry for feedback, including Liz Bedard. A final draft has been created and should soon be mailed out to all Henniker Postal Patrons.
- 9) Development of the report to the Selectman: It was noted that although the committee is not bound by the specific tasks itemized by the Selectman
 - a. Chairman John Kjellman submitted a draft outline of the final report for committee review at a later date. Lia Houk made note that the tipping fees for the Concord Coop just went up on 12/1/08 to \$45.90 per ton and the billing year runs from 12/1 to 11/30 of the next year.
 - b. History Section: Don Blanchard and Michael French have compiled several pages on the history and they will continue and pass it along to the Chairman for inclusion. John Kjellman suggested maybe a 1-2 page summary with appendices if necessary. It was decided by the committee that initially it is better to include more information, which can be condensed at a later date if necessary.
 - c. Single Stream analysis: Lia Houk has obtained the 2008 recycling numbers from Bob Pennock. She asked for clarification as to the numbers that should be included in the report. It was agreed that projected numbers of the possible future rates for recycling reimbursement based on past rates should be included.
 - d. Landfill and Incinerators: Rod Pimentel stated that he should have a draft of this section prepared by the next meeting.
 - e. Neighboring Towns: Linda Patterson and Donna MacMillan have collected considerable data and will attempt to compile it in a spreadsheet.

Discussion also ensued about Concord's Recycling, which Linda and Donna will continue to pursue. John Kjellman made note of Concord's Solid Waste advisory committee as an area for further examination.

- f. Hazardous Waste: Bill Christiano will describe the current collection system and any possible thoughts on how this could be changed.
- g. State Regulations: Amanda Gilman to compile data about applicable state regulations with particular consideration to upcoming changes including electronic waste.
- h. Curbside pickup: Amanda Gilman has obtained the cost of curbside pickup for 4 towns in the area, with similar logistical issues, i.e. rural and with dirt roads. The committee agreed that the cost of a town run curbside collection program should also be included.
- i. Special Consideration for Businesses: This section should have a small amount of data but should also be referenced and considered with in each option presented.

10) The committee is expected to produce a status report to the Selectman for inclusion in the Town Report. John Kjellman will draft this report.

11) Future meetings: 1/22/09, 2/5, 2/26, 3/26, 4/9, 4/23.

12) A motion to adjourn was submitted by Amanda Gilman at 8:24 pm, it was seconded by Don Blanchard and carried.

Draft Meeting Minutes

Respectfully Submitted

By Amanda Gilman, Recording Secretary

Reviewed: John V. Kjellman, Chairman, 1/18/09

Approved 1/22/09

**Town of Henniker
Solid Waste Disposal Committee**

**Twelfth Meeting: Thursday, January 22, 2009
The Grange**

Approved Meeting Minutes

Present: Bill Christiano, Michael C. French, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, Linda Patterson, and Rod Pimentel

Absent: Donald Blanchard, out of town for several weeks.

Chairman John Kjellman called the meeting to order at 7:03 p.m. and began by stating that he had made a decision to do without the professional recording secretary, and that the committee secretary, Amanda Gilman, would be taking the minutes. He further observed that Amanda had not yet arrived, and that he would take notes pending her arrival, which was expected shortly.

- 1) The minutes for the January 8, 2009 meeting were reviewed and a few corrections noted. **Michael French a motion to approve the minutes as amended; it was seconded by Linda Paterson carried unanimously.**
- 2) John introduced Tony Giunta, CEO and president of American Energy Independence Company (Amenico), which he founded in 2006 for the purpose of processing used vegetable oils for use as an energy source. Before starting Amenico Mr. Giunta worked for 15 years for the NH Department of Environmental Services, the last four years of which were as the Director of Waste Management. He was also the mayor of Franklin for four years.
- 3) Mr. Giunta talked about the beginnings his company. The original thought had been to process biodiesel oil, but a better model turned out to be the processing of used vegetable oil for use as an energy source. It got started at the Red Blazer Restaurant in Concord, whose owner Sarandis Karathanasis was a believer in recycling, having already implemented a money-saving program by recycling beer and wine bottles. Amenico installed a waste oil boiler that uses the used vegetable oil from the kitchen to heat the hot water, saving about \$300 per month in natural gas costs. In addition to selling that concept to other restaurants, Amenico also became a provider of high quality, no trans-fats, vegetable oil, which it sells at a discount on the provision of getting the used oil back at no cost. This program has the advantage of getting restaurants to convert from using lard as a cooking oil, which is difficult to recycle, partly because it congeals easily.

Mr. Giunta stressed that high quality oil is important, and that it must be heated before it can be fed to a burner, and a special burner is required, but under the right conditions it burns just like heating oil. The BTU value of vegetable oil is about 130,000 BTU per gallon, for fuel oil it is only slightly more at 135,000 BTU/gal. At the Red Blazer 200-250 gallons per month is enough to heat the

entire building for month. It's enough to run a 100KW generator for 27 hours. The initial payback for the hot water heating system was about one and one-half years. An environmental benefit is that used oil that was once shipped to Europe for processing, then shipped back to the U.S. in chicken feed, pig feed, and even cosmetics, is now fully consumed on site.

Mr. Giunta stressed that vegetable oil has no sulfur and thus emits no sulfur oxides (acid rain) when burned. It emits about one-third less nitrous oxides, and virtually no particulates. It is considered carbon neutral as it is created by plant life, which absorbs carbon dioxide from the atmosphere.

Amenico is looking at using recycled vegetable oil to replace the use of #6 bunker oil used in some large power plants and other industrial applications. One issue is that a centrifuge is required to purify the heavy oil, and also that it is important to remove all the water. Water also needs to be removed from some vegetable oils, depending on how they have been used and stored.

Mr. Giunta said the limit on his business is not the supply of used vegetable oils, of which there is a huge amount, but on businesses willing to invest in the equipment needed to successfully use vegetable oil to replace other energy sources.

He also mentioned the possibility of growing camelina, an oil seed rotational plant that is both good for the soil and a productive source of vegetable oil, generating about 40 to 60 gallons per acre.

At the conclusion, John and committee members thanked Mr. Giunta for his presentation.

- 4) Committee Report for the Henniker Town Report: Chairman John Kjellman submitted a draft of the committee report to be included in the Henniker Town Report for review and discussion by the committee. Discussion on the level of detail to be included as well as how to best present the information in an unbiased manner ended with group consensus on changes the chairman should make to the draft. Additional review by members planned to occur via email on Friday 1/23/09 so that the report could be submitted to the town the same day.
- 5) Report from Chairman John Kjellman on Northeast Resource Recovery Association (NRRA) Marketing Meeting: Michael Durfor will be taking over as the new executive director of the NRRA. He suggests that recently there has been some improvement in the recycling market, and noted that a lot of tin cans had been sold recently at an improved price.
- 6) HB283-FN: Amanda Gilman reported on a proposed NH House Bill about instituting a bottle fee to manufacturers. Rep Leigh Webb has asked for input from municipalities as thus far all input to the subcommittee on solid waste committee has been from bottlers, the soft drink association, beer manufacturers, and retail associations against the bill. The committee decided that it was outside their scope

- to take an official stance on the bill but that individuals were free to contact Rep. Webb or to email their input to Amanda Gilman as she plans to follow up as a private citizen.
- 7) UNH Community Profile: The chairman announced to the committee the upcoming Community Profile Meeting April 17th 6-9:30 pm and April 18th 8-2pm. Amanda Gilman and Leah Houk are both members of the steering committee and requested the support and attendance of the Solid Waste Disposal Committee at the upcoming event.
 - 8) Recording of minutes: The group agreed that for this and future meetings Amanda Gilman would resume her secretarial position and record the minutes.
 - 9) Development of Report to the Selectman: Committee members continue to develop drafts of their individual reports and send them to the Chairman.
 - 10) **A motion to adjourn was submitted by Linda Patterson, seconded by Rod Pimentel and carried with full support at 2055.**

Draft Meeting Minutes

Respectfully Submitted

By Amanda Gilman, Recording Secretary

Reviewed: John V. Kjellman, Chairman

January 29, 2009

Approved: February 5, 2009

**Town of Henniker
Solid Waste Disposal Committee
Thirteenth Meeting: Thursday, February 5, 2009 at 7:00 PM
At The Grange**

Approved Meeting Minutes

Present: Bill Christiano, Michael C. French, Amanda Gilman, John V. Kjellman, Donna MacMillan, Linda Patterson, and Rod Pimentel.

Absent: Don Blanchard (out of town for several weeks), Lia Houk.

Chairman John Kjellman called the meeting to order at 7:04 p.m. He mentioned that Don and Lia were not expected. He said that the Concord city council will be holding a public hearing on a PAYT solid waste disposal program this coming Monday evening.

- 1) The minutes for the January 22, 2009 meeting were reviewed and no corrections were offered. **Linda made a motion to approve the minutes as submitted; the motion was seconded by Michael, and carried unanimously.**
- 2) The final version of the committee's report to the Town for inclusion in the Town's annual report was reviewed. Michael pointed out one minor error, which John said he would ask the Town secretary to fix. **Donna made a motion to approve the final report, with the one correction; the motion was seconded by Michael, and carried unanimously.**
- 3) John asked the committee to review the draft of a letter to Tony Giunta, thanking him for his presentation at the prior meeting. **Michael made a motion to approve the letter as written; the motion was seconded by Rod and carried unanimously.**
- 4) John referred to a letter he received from Corcoran Environmental Services inviting him to an open house at Corcoran's planned new single stream recycling processing facility in Manchester on February 18, 2009, and also to an informational conference on February 21, 2009. He stated that Bob Pennock has received a similar invitation, and that he felt that any member of the committee who wished to attend either meeting would be very welcome. John said that he intended to attend the Wednesday open house.

There was some discussion about the impact this new facility might have on the COOP's planned single stream recycling facility, and there was a consensus that if the Corcoran facility is actually built and operational then it would be difficult for the COOP to build it's own facility. It was concluded that there are more questions than answers in regard to both proposed facilities.

- 5) John reported that Lia represented the committee at the Board of Selectmen's public hearing on the annual budget the prior Tuesday, at his request. Lia reported that Peter Flynn discussed the \$3,000 request that the committee had requested, and that there were no questions from the audience or the selectmen about the request. She did say there was a discussion about the efficacy of the new gate keeper/greeter at the Transfer Station.

- 6) John referred to two documents Michael had prepared, dealing with the issue of the committee's report to the Selectmen, and asked Michael to discuss his thoughts on the report.

Michael stated that the COOP wants Henniker to sign an agreement in May to use its proposed new single stream facility, but that it did not appear that the committee's report to the Selectmen would be done by that time. He wondered if perhaps we should work to prepare a smaller report that might be done in May, dealing with single stream processing issues. That would help the Selectmen in making a decision about making a commitment to the COOP

There was a discussion about past efforts that the Henniker Recycling Committee has made to get the Selectmen to change policies at the Transfer Station. Rod said that the big stumbling block in the past has been that the Selectmen never got all the information needed to make a decision which would change anything.

Rod asked about the COOP's timeline. Is it asking for a contract, or just an indication of interest? John said it wants a signed agreement.

John suggested that perhaps the committee could just analyze the option for single stream processing by that time, but Michael pointed out that such an analysis really needs to look at the other alternatives, in order to be useful to the Selectmen.

Michael suggested that John should contact the COOP to see if its timeline has changed.

Rod suggested that to simplify the issue, we could look at the question of single stream vs separated recycling. Linda pointed out that one of the issues was to try and increase recycling, and that that issue was different for businesses than for individuals. Rod pointed out that businesses are motivated toward recycling when it saves them money, and that single stream processing is a benefit to businesses.

Amanda pointed out that the Town would lose a lot of revenue if it switched to single stream recycling for all material. Perhaps businesses should use single stream, and individuals should continue to separate recyclable materials.

John said he would talk to the COOP before the next meeting.

- 7) Linda discussed the write-ups she had done on the Peterborough and Plymouth transfer stations. She said she was more comfortable with spreadsheets. John said the written descriptions for one or two transfer stations might be appropriate in the report, but that tables and/or spreadsheets are needed for comparative analysis. It was agreed that we can learn something from Concord, but that it is really different than Henniker, and much of what Concord does will not apply to Henniker.

Linda said one of the differences between transfer stations is that some have scales for C&D, and others don't. The thought is that a scale is really needed if C&D is going to be properly charged to the people who dispose of it. John said that noting which towns do and do not have scales would be good.

Linda also stated that most transfer stations don't put much emphasis on swap shops, although some do. [which one?] Donna mentioned that with the sour economy, she is seeing more activity in Henniker's swap shop.

- 8) John thanked Rod for his draft report on incineration and landfills, and said he thought it should be more explicit in stating in making the case that neither is appropriate for Henniker. Michael says we need to be careful not to interject opinions in our report, but to only report facts. Rod agreed. John agreed in general, but said if an option is clearly not appropriate, we shouldn't hesitate to make the case against it.
- 9) John thanked Bill for his draft report on hazardous materials. He suggested it should have somewhat less detail, and that it should address the issue of alternatives for hazardous materials processing, there appearing to be none.
- 10) **Linda made a motion to adjourn; it was seconded by Donna and carried unanimously at 8:28pm.**

Draft Meeting Minutes
Respectfully Submitted
By John Kjellman, Chairman
With help by Amanda Gilman, Secretary
February 9, 2009
Approved 2/26/2009

**Town of Henniker
Solid Waste Disposal Committee
Fourteenth Meeting: Thursday, February 26, 2009 at 7:00 PM
At The Grange**

Approved Meeting Minutes

Present: Bill Christiano, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, Linda Patterson, and Rod Pimentel.

Absent: Don Blanchard, Michael French. Both out of town.

1) Chairman John Kjellman called the meeting to order at 7:02 p.m. Chairman's introduction:

- a. Concord city council has approved PAYT beginning July 1. Hopkinton is entertaining the idea as well. There will be another Pay-by-Bag presentation in Hopkinton on March 3 at 7:00 PM at the Slusser Senior Center.
- b. NRRA's 28th Annual Recycling Conference & Expo will be held 6/8 & 6/9 at the Radisson Hotel in Manchester. The town *may* reimburse for registration fees.
- c. Documents distributed at meeting:
 - Meeting Agenda
 - Draft minutes of last meeting
 - Spreadsheet from Linda Patterson
 - Corcoran advertising piece (copy)

2) Review of minutes

Amanda Gilman made a motion to accept the minutes from 2/5/09 as corrected, seconded by Linda Patterson and carried unanimously.

3) The request from town for budget reduction of the SWDC was discussed. It had previously been discussed via email by committee members and was agreed to reduce the request from \$3000 to \$1500.

4) A letter from Litter Free NH was sent to the SWDC by Ron Lavalley, the prior head of the Henniker clean-up campaign. The committee discussed that the SWDC was not the appropriate venue for this program. Discussion ensued as to where this belonged, the Henniker Recycling Committee or the Town. Rod Pimentel also suggested that the Rotary Club might be interested. It was decided that it should be sent to the Town for review and further decision.

5) Report from Lia Houk about the Hopkinton public forum on the PAYT policy. There was small attendance at the meeting, approximately 25 people. Hopkinton Selectman voted to bring the issue to town ballot for decision this spring. Issues discussed at the

meeting were double taxation and inability to afford the cost of bags. It appeared that there were a lot of misconceptions by the public and that education needs to be a big part of such a program. Lia made note that trash was presented as a utility that needs to be paid for and that with PAYT a program you are only paying for the trash you use and not for the trash of your neighbors. Lia also noted that Hopkinton is only charging \$1.50 for large bags. She presented this in contrast to Bow who is calculating the cost of their large bags at \$3.50 and Linda Patterson made note of a town in VT that was also charging \$3.50/ large bag. Some of the difference in cost lies in whether the community incorporates the entire solid waste budget in the cost of bags or if the cost of staff and administration is left in the general operating budget for the town and only the disposal costs are included in the cost of the bags. Lia reported that a calculator exists online to aid in the estimation of the cost of bags for towns that we could use for our report. Hopkinton and Webster share the same facility and Webster does not plan to incorporate PAYT. This was a significant debate at the meeting as well. Lia also obtained information from another town, Bow, that helped with the presentation, about their education, etc. on the PAYT program that could be used as a resource possibly for the committee's report and for education should the program be adopted. She suggested that we include in our report the common issues that were brought up in Hopkinton as possible issues that will need to be addressed should this option be adopted.

5) Report from John on Corcoran single stream facility in Manchester. A 97,000 sq foot warehouse is being leased by Corcoran for this new facility. It can hold several large trucks, equipment and the storage of recyclables. He spoke with Mike McCray, plant manager. They are expecting DES permit approval on March 2nd and will then order equipment and expect to be online in July. Manchester has committed and the facility already has a total commitment for 40,000 tons per year. In this particular market they would expect to charge for collection of recyclables. The facility holds an open house the 3rd Wednesday afternoon of every month.

6) John spoke with Jim Prescher who updated him on the Concord COOP's plan for their single stream facility. They have submitted plans to the Concord Planning Board and a public hearing is scheduled for 5/18. RFP's are out for equipment and due back 3/19. The application has been submitted to DES (not online yet) and a building design underway (LEED compliant). They have secured Hooksett (non-COOP member) and Goffstown and Milford are moving in that direction. Current single stream recycling costs would be about \$30/ton, and could be \$5/ton with a 40,000 ton / year volume. In contrast, John noted that we were looking at \$40-\$50/ton recycling revenue last August. Jim Prescher was not surprised at Corcoran having a 40,000-ton/year commitment, as it includes Manchester. Additionally he doesn't seem to think the Corcoran facility will impact the COOP plan.

John's thought on the Single Stream facility is that Henniker might want to enter into a contract with single stream for at least the businesses in town who utilize private haulers and possibly maintaining the status quo for the Transfer Station.

7) Other business: Lia saw a 20 min film called “The Story of Stuff” written and narrated by an economist. The basis is investigating how something is created, all the waste along the way and the disposal from an economic point of view. She suggested we all take a look at it and she will email the link to the committee.

8) The committee reviewed Linda & Donna’s spreadsheet on neighboring towns: John suggested that information on Weare and Goffstown also be included. Additionally it was suggested that a column be added for the Recycling Rates as reported by DES and that the data included be for 2007 as the 2008 data from DES wouldn’t be available until much later in the year. Overall the committee decided that it was a great start.

9) John reported on his economic analysis. He is assessing 10 years of town reports. Information to be included in this assessment includes capital improvements and large purchases that aren’t in the actual operating budget. John also noted other miscellaneous revenue sources including monies from Warner for residents using our transfer station, use of the oil furnace, trash coupons, C&D, sale of stickers, NH the Beautiful donations, and Lyons Club contributions. John plans to meet with Russ Roy to discuss these budgets and get further clarification.

10) Report on Household Hazardous Waste by Bill Christiano. He is assessing neighboring towns of similar size and asked if he should also examine a larger town. The consensus was that a larger town could be useful to include and Concord was suggested as an option.

11) Discussion on overall progress of the report: The Chairman asked committee members to send updates to their sections before the next meeting.

12) Review future meeting dates: 3/26, 4/9, 4/23, 5/7, 5/21, 6/4 and 6/18. All are Thursdays, and all are planned for 7:00 PM at The Grange. Only one meeting in March, in deference to town and school meetings, and voting day.

13) Motion to adjourn submitted by Rod Pimentel, seconded by Lia Houk and carried unanimously at 7:56 PM.

Submitted 2/27/09

Amanda Gilman

Reviewed 3/5/09

John Kjellman, Chairman

Approved 4/9/2009

**Town of Henniker
Solid Waste Disposal Committee
Fifteenth Meeting: Thursday, March 26, 2009 at 7:00 PM
At The Grange**

Approved Meeting Minutes

Present: Bill Christiano, Michael C. French, Lia Houk, John V. Kjellman, Donna MacMillan, Linda Patterson, and Rod Pimentel.

Absent: Don Blanchard, Amanda Gilman (vacation)

- 1) Chairman John Kjellman called the meeting to order at 7:06 p.m. Chairman's introduction:
 - a. PAYT failed in several towns, including Hopkinton by 2-3 votes, and in Pembroke.
 - b. Cordell Johnston made an amendment at town meeting to roll back the executive budget to last year's amount, and it carried. Adjusting to that cutback means our budget is going to be reduced from \$3K to \$1.5K.
 - c. Ron Lavallee tried to reduce Transfer Station budget at town meeting, citing too much overtime, but his amendment failed. But, warrant proposed for T/S at the meeting was down about \$9k from "final" budget approved by selectmen. Approved was \$622K.
 - d. John has been up to Lebanon Landfill and Recycling Center, over to NRRA offices, reviewing T/S budgets in ten years' of town reports, and visiting with Russ Roy. He will amplify later in the meeting.
 - e. John acknowledged Lia's long tenure as chairperson of the HRC, which he discovered going through old annual reports. He pointed out that the town's selectmen don't seem to appreciate just how much the HRC has done over the years.
 - f. Handouts: agenda, draft minutes 2/26 meeting, NRRA brochure, Lebanon SWF brochure, letter to Monitor re Hopkinton PAYT, Hazardous Waste Disposal information from Bill, Henniker T/S & R/C chart from John.
- 2) John mentioned the NRRA Conference, which is scheduled for 6/8-6/9/2009 in Manchester. He said it was not likely that the town would reimburse conference fees for more than one or two committee members. John said he would research the \$55/day fee option, vice full fee of \$95/day. He asked committee members to let him know in April if they planned to attend the conference.
- 3) John gave a review of his visit to the Lebanon Landfill to attend the NRRA's monthly marketing meeting. He said that the NRAA is going to have every other meeting "off site" for a few months, to see if that will appeal to people who have

to travel a long distance to get to Epsom. He said that Lebanon operates a landfill for about 24 Upper Valley communities, and charges about \$60/ton for solid waste disposal. Individuals are on a Pay As You Throw basis, but are charged on the basis of weight, not by bags. Lebanon has a scale for weighing trash. People buy coupons which get punched for each 30 pounds that is disposed. Data from the attended scales is transmitted to City Hall each evening, electronically. Lebanon also has a recycling building, with large bins for the different types of materials, which are emptied by a small loader and dumped into a horizontal baler. Typically it is a one-person operation.

John said he got some information about small scales, designed for weighing cattle, that he thought might be useful for weighing small quantities of trash, as an alternative to a pay per bag system. These scales are being used in Lee.

- 4) John said he visited NRAA to review Henniker's recycling data, and obtained data for 2004 through 2008, which he is using to develop a historical analysis.
- 5) John said he talked with Jim Presher of the Concord COOP, as he was requested to do at the last meeting. He got the standard line from Jim Presher, planning for the new single stream recycling facility in Penacook is proceeding. A public hearing is scheduled in Concord for April 15th. RFPs for the equipment have gone out and some of the responses are back. John added that he did receive information that indicated that if Henniker signs on to use the new facility, it is committed either "forever," (according to Bob Pennock and Jim Presher) or fifteen years (according to Bonnie at NRAA). John did say that Jim Presher might be OK with a S/S system for Henniker businesses, and for us to continue to operate the T/S as we do now for individuals.

John said that following a thought that Mike had expressed at earlier meetings, he thought that the committee needs to bring something to the selectmen on this issue. Rod asked if the COOP had made a pitch directly to the selectmen, and John said he didn't believe so, that the contract proposal was apparently in Bob Pennock's hands. Rod thought that to be strange. Mike asked a similar question, do we know if the COOP has sent a proposal directly to the selectmen? John's answer was that after talking with Peter Flynn, he didn't believe so. Mike said he feels we need to find out what the selectmen would like from us on this issue. John said he would investigate this issue further before the next meeting.

- 6) John said he talked to Mike McCray of Corcoran, and asked about the status of Corcoran's proposed facility in Manchester. Mike said Corcoran was waiting for permit approval from NH DES. Earlier John had been given to understand that the approval was expected in early March. DES did confirm that the permit approval was pending and that no problem was expected. Apparently a set-back waiver is required.
- 7) John began a discussion of the data he has collected and analyzed on Transfer Station revenues and expenses, going back ten years, and referred to the graph that he had prepared and handed out showing some of that data. He said one striking observation was the fact that overhead was half the cost of operating the transfer station, and if you took the total cost of operating the transfer station,

including all tipping fees, and divide that by the amount of trash that flows through the transfer station, about 1/3 of the total, that the total costs are around \$329/ton. Tipping fees are minor compared to that. Looked at another way, overhead costs are about \$104/ton. Two-thirds of everything that goes to the incinerator goes direct.

Rod pointed out that in earlier years, revenue from aluminum cans went to the Lions Club, which might have impacted the number, but John pointed out that even today we get more revenue from paper and metals than we do aluminum, due in part to fewer drinks coming out in aluminum cans.

Rod pointed that one cost not factored into John's analysis is the cost townspeople pay to have their trash taken by "the haulers" to Penacook, and that this cost should be figured in. Rod further suggested it would be good to try and get the total gross revenue that the haulers are charging their Henniker customers.

Lia pointed out that another flaw in the data is that we can't determine how much of the overhead costs is due solely to recycling, that is what does it cost us in overhead to generate the recycling revenue? There was agreement on that point from Mike, Rod and Linda.

John observed that compared to other recycling facilities, that Henniker's facility is labor intensive. Lia said this is one of the arguments for single stream; lower labor costs.

Rod said that with curbside pickup we could eliminate the transfer station. Mike endorsed that thought, adding that it would be combined with single stream recycling. Linda added that's what Goffstown is doing.

John pointed out that it also takes extra labor for Henniker residents to separate recyclable materials, and that time is worth something. Professionals often bill \$50 to \$100 per hour for their time, for example. Mike pointed that that this is one of the reasons we don't get more recyclable materials. Linda pointed out that some people don't look at it that way, that they enjoy the process and visit to the transfer station.

- 8) Bill gave a review of his updated report on hazardous waste disposal. He said that the brochure that Bob puts out ahead of hazardous waste collection day is very good, as it tells people what to bring, and not to bring. Bill thought that perhaps hazardous waste should be collected more than one day a year. He said Bob didn't think it is necessary.

Bill went to Hillsborough which collects for Deering and Windsor. Windsor is unique in that it takes in large truck tires. Bill asked if they had a full-time hazardous waste person, the answer was no, it would not be cost effective. Hillsborough is very vigilant about what comes in, and has the right to inspect trash to ensure that it doesn't contain any hazardous wastes. Linda asked if Bob does this in Henniker, and the answer was no. Hillsborough uses Clean Harbors, once a year for half a day.

Weare does the same thing as well. They have a \$6,000/day budget, which is usually OK. They use Clean Harbors as well, and said they have no need for a full-time person.

Bill pointed out that Henniker allows businesses to participate in hazardous waste collection day, only if there is enough capacity at the end of the day, and the business pays for the cost of disposal.

Bill visited with Patrick Winn at Concord, which also does HW disposal one day a year. They don't have a full-time person, either. They are thinking about going to a once a quarter schedule. Uniwaste Services is Concord's vendor. They believe it won't cost much more to do four days a year.

Lia mentioned that she hears people in Henniker complain that if they miss the one scheduled day, they have to retain their HW another whole year or find some other way to dispose of it.

Bill said when he worked in Concord, he got a lot of calls about trash dumped in the woods, so it is a problem.

Bill heard that Keene does have a full-time hazardous waste person, and will call Keene to ask about how that works.

Bill pointed out that Henniker gets some funding from the State for hazardous waste disposal. It was \$2,900 last year.

- 9) John suggested that we might talk with Dockham in Hopkinton about curbside trash pickup, as it is collecting a lot of the trash in Hopkinton.
- 10) John mentioned to Lia that we need the single stream analysis, and that starting with Liz Bedard's analysis is a good place to start.
- 11) Linda gave a brief overview of her and Donna's visit to Weare and Goffstown.
- 12) There was a general discussion about how Henniker compares with other towns, and Lia pointed out that scales would be a big benefit in Henniker
- 13) John referred to the committee's task of writing a report to the town, and said it was not clear exactly how we should approach that task. On one hand we've been asked to develop options, on the other hand if we think change is needed, just producing a report is not likely to produce change, given the political inertia in the town on the subject of recycling. Lia suggested that we would want to do something to generate community involvement, which could lead to political support for change. Rod said that if we do a report that offers an option that would save money, then the selectmen will support it unless it is politically dangerous. If our report is ambiguous, and it might be, then they are not likely to do anything. Bill asked if we should give the selectmen a recommendation. The answer is that we were asked not to do that, but Rod thought we could do it anyway. Lia and Rod said we would have to make a presentation to the selectmen, perhaps even a Power Point presentation. Lia pointed out that if we

recommend something like scales, we're going to have to cost it out over several years to show how it could save money, and that is where it would be helpful if we knew exactly how much we collect in C&D fees.

It was suggested we should have a very short report, with numbers, and that we put the detailed information in some type of backup report. We don't have to make recommendations, let the numbers speak for themselves. Show the costs and benefits of each option.

14) It was pointed out that we had not reviewed the minutes of the prior meeting. John said that in recognition of the time we would let that slip until the next meeting.

15) **Rod moved to adjourn the meeting, Linda seconded the motion. The motion carried unanimously and the meeting adjourned at 8:41 PM.**

Submitted 4/07/2009
John Kjellman, Chairman
Approved 4/09/2009

Town of Henniker
Solid Waste Disposal Committee
Sixteenth Meeting: Thursday, April 9, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Don Blanchard, Michael French, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, and Rod Pimentel.

Absent: Bill Christiano, Linda Patterson

- 1) Chairman John Kjellman called the meeting to order at 7:03 p.m. Chairman's introduction:
 - a. Welcome back to Don. John Kjellman to ask the Selectmen to waive absences.
 - b. Per the NRRA marketing meeting in Epsom, and discussion with Bob Pennock, The prices for recycled materials are up somewhat.
 - c. Franklin is moving toward single-stream recycling and automated curbside trash pickup.
 - d. Noted at the last meeting that PAYT was defeated in Pembroke. What was not noted, was that Pembroke voted to institute mandatory recycling and automated trash and recyclable materials pick-up.
 - e. NRRA is looking at other commodities for recycling: mattresses, and CD/DVDs, which are made of a high-grade plastic. NRRA believes it has a better deal on C&D at Errco in Epping than Henniker's current contract.
 - f. NRRA has sheet showing how much aluminum, paper, plastics, scrap metal and steel (tin) cans Henniker recycled last year, and the environmental benefits. The aluminum numbers are understated, as not all our aluminum went through NRRA.
 - g. There is a weekly NRRA e-newsletter you can receive if you request it. Get e-mail address on website (NRRA.NET). Includes info on legislative action. The bottle bills (HB283/HB675) were retained in committee, as was a bill dealing with residential pharmaceutical wastes. A bill defining electronic waste passed the House, and one dealing with solid waste permits was passed and referred to a Senate committee.
 - h. Bob Pennock said about 30 gallons of vegetable oil have been collected.
 - i. John Kjellman has scheduled a visit to the Lee Transfer Station a week from this coming Sunday. He wants to examine their use of scales, and also a machine that takes cash and creates tickets in \$2.50 increments that are usable at the T/S. Apparently helps considerably in accounting for the cash.
 - j. Handouts: Agenda, draft minutes of March 26, February 26, and November 6 meetings, draft report on landfills from Rod, updated graph on T/S & R/C revenues and costs, copy of Monitor article on COOP S/S facility,

2) Review of minutes:

Mike French made a motion to accept the minutes from 3/26/09 as corrected, seconded by Donna MacMillan and carried unanimously with Don Blanchard and Amanda Gilman abstaining.

Lia Houk made a motion to accept the minutes from 2/26/09 as corrected, seconded by Amanda Gilman and carried unanimously with Don Blanchard abstaining.

Amanda Gilman made a motion to accept the minutes from 11/6/09 as corrected, seconded by Mike French and carried unanimously with Lia Houk abstaining.

3) NRRA conference: 6/8-6/9 in Manchester. The \$55/day rate applies to all members of the committee, assuming someone from the Transfer Station registers at the full rate. You can print registration form or register online at www.nrra.net. No word yet on reimbursements from the Town for the registration fee, but to be safe don't plan on it.

4) Update on Corcoran and COOP single stream facilities by John. It was rumored at NRRA that Corcoran was going to file for bankruptcy. There was no word on that in either the Monitor or the Union Leader.

There was an article this week in the Monitor about the COOP proceeding forward with its plans, although they seem stuck on the 17,000 tons committed vice the 25,000 tons per year needed. Recent towns that have signed up are Goffstown, Hooksett, Milford, and Waterville Valley. The project goes to Concord Planning Board next Wednesday (4/15).

Bob Pennock is also doubtful that the COOP will really go ahead at this time. The full-board meeting on the decision is planned for May. Also, according to Bob Pennock, if Henniker signs a contract with the COOP for single-stream, it is "forever." If a non-COOP member signs, it is for 15 years. Bob told John he says he sees no advantage to signing anything now, we can do it later at no penalty. I asked about bringing the question to the Selectmen, he said the old members were aware of the issue.

John mentioned the idea of continuing to recycle at the T/S as we do now, and using single-stream for businesses. Bob Pennock thought there are not enough recycled materials generated at businesses and schools to make that work.

Discussion by the group ensued with agreement that there is no need to present anything to the BOS on this issue at this time. There is no upside for us to sign a contract, only a downside.

5) Lia reported that the manager of Rush Square approached her to inquire about recycling at his facility. The committee agreed that it seems the business in Henniker are interested in recycling.

6) Lia ran some calculations based on Liz Bedard's numbers on the cost of Henniker changing to single stream recycling. Lia reported that based on these numbers Henniker could afford a cost of up to \$54 per ton before it costs us more to recycle than to dispose of recyclables as solid waste. Most of the savings result from a projected reduction in labor. She plans to continue her calculations on the cost of single stream and contact Liz Bedard for a few clarifications.

7) John asked if single stream recyclables could be baled. Mike French reported that the same question had been posed to the NRRA by another town and Jim Prescher replied that he didn't know. Discussion on this topic ensued with the question arising of whether other towns were doing this and what is the actual cost of balers, wire, etc. Lia plans to contact some surrounding towns for comparison. Rod plans to ask his employer about the cost for their company of single stream recycling versus solid waste disposal costs.

8) Review of T/S revenue and expense chart by John. Updated and corrected, and added a net cost line. He has also started an analysis of some sort of pay to throw program, but didn't get very far. He also noted that there are some fixed costs, like the monitoring of the old landfill, which will occur under any scenario, and so should not be part of an evaluation of alternatives.

9) John asked Lia (long-time chairperson of Henniker Recycling Committee) for a record of what the recycling committee has done and proposed in the past, for possible inclusion in the report.

10) Review and Comments on Rod's draft report on landfills. Group consensus was that the report was excellent but a financial case needs to be made for the fact that a new landfill is not a fiscally viable option.

11) Report development. Pieces are starting to come together. Plan for the next meeting to focus on fleshing out the report, and making specific assignments to collect data to fill in some of the holes. For example, a survey of major Henniker businesses regarding the potential for increased recycling, and also as Rod mentioned at the last meeting, how much they are paying now.

12) John asked each member prepare a record of all the meetings and places they have visited as part of the committee, with dates (as close as possible).

13) Review future meeting dates: 4/23, 5/7, 5/21, 6/4 and 6/18. All are Thursdays, and all are planned for 7:00 PM at The Grange

Motion to adjourn made by Amanda Gilman at 8:37 pm, seconded by Don Blanchard and carried unanimously.

Submitted: 4/14/09

Amanda Gilman

Reviewed: 4/21/09

John V. Kjellman, Chairman

Approved: 4/23/09

Town of Henniker
Solid Waste Disposal Committee
Seventeenth Meeting: Thursday, April 23, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Don Blanchard, Bill Christiano, Michael C. French, Amanda Gilman, John V. Kjellman, Donna MacMillan, Linda Patterson and Rod Pimentel.

Absent: Lia Houk

- 1) Chairman John Kjellman called the meeting to order at 7:12pm and began with his introduction.
 - a. Don is again a member in good standing, thanks to BOS waiver of three or more consecutive meeting absences.
 - b. Handouts: Agenda, draft minutes of April 9 meeting, NRRA 4/20/09 E-Newsletter, Union Leader story (4/15) on Derry Transfer Station
 - c. Info on COOP and Corcoran. COOP went before Concord Planning Board on 4/15, but minutes aren't posted yet. According to NRRA, COOP has pushed decision date on new facility out to June. No future meeting dates are posted on COOP's website. There are several news articles on the bankruptcy of Corcoran, but no indication of what's going to happen to Manchester facility. The word is that Corcoran can't pay old bills affected by the bankruptcy, but will pay current bills and is intending to keep operating.
 - d. Copy of NRRA's most recent weekly e-newsletter was distributed. It makes mention of bankruptcy filing for AbitibiBowater, the largest newsprint producer in the world. What's the impact on newsprint recycling rates? Due to the economy and the poor economics of newspapers generally, there has been a big slackening of demand for newsprint.
 - e. Letter to editor of Monitor April 22 (Eric Riggs) claims PAYT in Bow – as proposed – would save the average taxpayer \$96/year in taxes (assumes a \$300K house), but would cost \$181/year in bag costs (one large, one small per week).
- 2) Review of Minutes:
 - a. **Mike French made a motion to accept the minutes from 4/9/09 as corrected, seconded by Donna Macmillan and carried unanimously.**
 - b. The minutes from 11/6/08 were reviewed again with the inclusion of changes noted by Linda Patterson that had been unintentionally omitted when the minutes were reviewed at the last meeting. **Amanda Gilman made a motion to accept the minutes from 11/6/08 as corrected, seconded by Linda Patterson and carried unanimously.**

- 3) John reported on private tour of the Lee Transfer Station and Recycling Facility last Sunday, by Roger Rice, the facility manager. Lee processes about as much as our T/S does (excluding the 2/3 of Henniker solid waste that goes directly to the incinerator), 1,100 tons, and does so on a total budget of about \$300K, which doesn't include employee benefits. Citizens drive inside a building that has disposal areas on the side for the various types of recyclable material and at the end, solid waste. The area through which the cars pass is elevated, and material is tossed down into separated areas, which are emptied with a skid steer with a bucket, and taken either to a horizontal baler for recycling or a compactor for solid waste disposal. Solid waste is taken to the Rochester landfill for about \$72/ton. One person is sufficient (but kept busy) for the operation. The facility is open three days a week. There is mandatory recycling that is not enforced, and no charge for normal trash. There is a charge for C&D, bulky items, e-waste, and other such things. C&D is actually cheaper to dispose of than SW, it goes to Errco for \$60/ton. (NRRA thinks we could save money by using Errco, but perhaps it would increase our hauling costs.)

C&D is weighed on a scale. Trucks are unloaded into large "pans," that are taken to the scale to be weighed, then emptied into the C&D container. The scales are accurate to a pound or so (and were actually designed for weighing cattle). Payment is made with coupons which can be purchased at Town Hall or a coupon-dispensing machine (\$5, \$10, \$20 bills only, no change). The Swap Shop is attended by volunteers. Resale of swap shop materials is prohibited.

Lee disposes of sheet rock that hasn't been painted (left over from new construction) for \$20/ton at a nearby company that makes sheet rock.

- 4) Rod's report on the effect of single stream recycling at The Granite Group in Concord. Was two 10 yd dumpsters a week (\$630/mo), is now one 10 yd trash dumpster a week, and one recycling (single stream) dumpster per month for \$47. The total savings is \$268/month. Obviously they were previously not filling their dumpsters to capacity each week, but the dumpsters had to be emptied weekly regardless.
- 5) Linda Patterson gave brief report on her spreadsheet. She has sent it to John for review but due to program incompatibilities he wasn't able to open it. Linda reported that the only changes were the addition of information for Goffstown and Weare and elimination of Concord.
- 6) John is still looking for information about site and meeting visits. No detailed reports required, just date, location and general purpose.
- 7) Solid waste, recycling, and pickup for businesses and institutions in Henniker. Town regulation (101-17), effective 2/1/2005, says that "commercial haulers" must pay a disposal fee to dispose of solid waste, whether disposed of at the T/S or at the Penacook incinerator. This means that any Henniker business that wants to bring its own trash to the Transfer Station can, at no cost, whereas they pay the tipping fee plus a fee to the hauler by having it picked up and delivered directly to the Incinerator. John reported that he recently had discussion with one

small business owner who said he was against PAYT because his business generates additional trash which he periodically hauls to the T/S. Commercial haulers also pay a \$5/month administrative fee to the Town of Henniker.

- 8) Information needed for the report:
 - a. The “complexion” of solid waste material generated by Henniker institutions. How much is being recycled, how much could be recycled? Amanda to contact Naughton and B&A for this information.
 - b. John noted that the Henniker Community School (HCS) has recycling containers marked B& A waste and inquired about where it was going. Amanda reported that in her past conversations with B&A she found that they collect paper and plastic jugs from HCS and recycle them at Bow Recycling. John will check with the HCS for their perspective on this and Amanda will inquire again with B&A.
 - c. Bill to collect information on Bow Recycling.
 - d. Mike to collect information from Dockham disposal in Hopkinton.
- 9) John obtained a list of Henniker businesses and is working on a database of information that we want to obtain from Henniker businesses. The committee discussed a script of questions proposed by John to ask the businesses. John plans to make some changes to the script for the committee to review at the next meeting. The committee will divide up the list of businesses in town and call or contact selected businesses to obtain information about the make-up of their solid waste and their disposal of recyclable materials, using the script as a guide.
- 10) Review future meeting dates: 5/7, 5/21, 6/4, 6/18, 7/9 and 7/23. All are Thursdays, and all are planned for 7:00 PM at The Grange

Motion to adjourn made by Rod Pimmental at 8:20 pm, seconded by Mike French and carried unanimously.

Submitted
5/1/09, Amanda Gilman
Reviewed
5/3/09, John V. Kjellman
5/7/09, Approved

Town of Henniker
Solid Waste Disposal Committee
Eighteenth Meeting: Thursday, May 7, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Don Blanchard, Bill Christiano, Michael C. French, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, and Linda Patterson.

Absent: Rod Pimentel

- 1) Chairman John Kjellman called the meeting to order at 7:01 p.m. Chairman's introduction:
 - a. Handouts: Agenda, draft minutes of April 23 meeting, reports from Amanda and Michael (double-sided), spreadsheet from Linda, draft Henniker businesses survey form, list 249 Henniker businesses.
 - b. PAYT and SB-2 vice town meeting are the big issues coming up in Bow. Lot's of letters in the Monitor, mostly for SB-2 and against PAYT.
 - c. The National Recycling Coalition has announced it is canceling its annual Congress and Expo that had been scheduled for Portland, Oregon in October, due to member travel restrictions. Many government agencies are restricting employee out-of-state travel.
- 2) The minutes from the 4/23/09 meeting were reviewed. **Don Blanchard made a motion to accept the minutes as presented, seconded by Mike French and carried unanimously.**
- 3) NRRA Update and COOP-sponsored tour of Casella single-stream facility. NRRA is reporting prices as steady, with perhaps a slight upward trend. The monthly marketing meeting will be held in Lee this coming Wednesday.
- 4) Bob Pennock has been registered as Henniker's principal representative at the NRRA conference 6/8 and 6/9. Any member from the SWDC can register themselves at the \$55/day rate as additional members of the Henniker delegation. John Kjellman is planning on attending both days and Amanda Gilman is hoping to attend Monday.
- 5) The COOP is sponsoring a bus tour to Casella's single-stream processing facility in Auburn, Mass., Tuesday, 5/19/09. This is the same facility that several of the committee members visited last fall, but the facility has now been renovated with improved equipment and technology, and this trip will include going through the facility rather than just a video tour. Bob and Pete from the Transfer Station are going, as well as new selectman Rocky Bostrom. Lia Houk and John Kjellman will be attending for the committee.
- 6) Report from Bill on Bow Recycling, the company that is apparently processing recycled material from HCS. Per the phone book address the company is located

at 74 River Rd. The representatives Bill spoke with on the phone were reluctant to give out information and he is still waiting for a call back from the owner. The only information he was able to obtain was that the company rents out its containers and when full, they dump them. John Kjellman pointed out that on the Internet the company is also listed with the name Zero Waste but he is unsure of the connection. Bill will continue to pursue this avenue to obtain more information.

- 7) Report from Michael French on Dockham disposal in Hopkinton. This company services Hopkinton and Webster with three packer trucks and one recycling truck with separated compartments. All materials are brought to the Hopkinton-Webster transfer station. Dockham is the largest hauler for these towns. They are able to provide curbside service on any road that is maintained by the town, with the exception of a section of one road in Hopkinton that the Town didn't plow thoroughly last winter, causing them to get stuck out there.
 - a. Residential Service: 1500 residential accounts including condominiums and multi-family units. They charge \$55/quarter for rubbish removal for single-family residence curbside pickup. This will increase soon to \$60/quarter for people who do no recycling. They are considering reducing the fee to \$50/quarter for people who do recycling. Pickup is done weekly on a given weekday. They provide reduced rates for condo associations and other multi-unit groups. They charge \$26/quarter additional for removal of cleaned and separated recyclables for single-family curbside pickup. Recycling is voluntary in these towns. Customers supply containers. Pickup is done weekly on Thursdays. Recycling truck has compartments. They provide an info packet to customers describing how to handle the materials. They have 61 customers doing recycling.
 - b. Commercial Service: 100 commercial accounts. Service is provided to satisfy the needs of the customer. For example, \$88/month for a 2 yard dumpster emptied weekly. \$216/month for a 10 yd dumpster emptied weekly. They haul separated cardboard for a few customers and handle mixed paper for the schools at a price that is somewhat lower than the rubbish price.
 - c. They would consider hauling from Henniker to Penacook if they were guaranteed sufficient volume to justify purchasing another truck and hiring another driver. They also would be interested in hauling single-stream recyclables.
- 8) Report from Amanda on Naughton & Sons Recycling, B&A Waste Disposal and businesses hauling their own recycling to the Transfer Station.
 - a. Monadnock Disposal Services: Offers single stream recycling in clear plastic bags to its Keene area customers and then sorts it at their facility.

- Currently their customers in Henniker don't recycle. This trash is hauled to their own facility. They have 2 commercial customers in town.
- b. B&A: Collects both businesses and curbside residential via 95 gallon rolling carts as at the Mobil Home Park. Currently (as of 11/08) the only customer recycling is the Henniker Community School and it is transported to Bow Recycling. They service 16 accounts in Henniker.
 - c. Naughton & Sons: (Still awaiting final data) Unwilling to provide a list of specific business names of customers. They are compiling a total of the number of customers in Henniker, divided into business vs. private residences, as well as the size of collection container at each and how often it is emptied. Also compiling a total of the number of businesses utilizing cardboard or glass recycling. They did confirm that 6 customers have recycling containers, but this list is not comprehensive. Their cardboard recycling is hauled to the Henniker Transfer Station.
 - d. According to Bob Pennock there are 3 Henniker businesses that haul some of their own recycling to the Transfer Station.
- 9) Report from Linda Patterson on spreadsheet on SWD & R/C in neighboring communities. She reported that recycling rates as reported by the Transfer Station managers are very subjective and have many factors that prevent them from being easily comparable. She plans to write a few paragraphs describing these differences and inconsistencies. For this reason the committee agreed that it would be useful to also include the recycling rates for the same year as reported by the DES.
- 10) Report from John Kjellman on the HCS/JSRHS/SAU#24 SWD and recycling. JSRHS solid waste all goes to Weare. The SAU office itself takes material to the T/S&R/C. The HCS is paying B&A 151.25/month to dispose of SW (to incinerator) and R/C to Bow Recycling.
- 11) Report from John on SWD & R/C at Post Office. SW is picked up weekly by B&A Waste for \$110/month, and Empire Recycling takes the mixed paper twice a month for \$80/month. The postmaster didn't have any info if Empire's price changes with the price of paper. Empire is big in recycling paper and metals, and has a big facility in New York. John believes that most or all of the mixed paper and newsprint from the Transfer Station is taken by Empire. Empire says it doesn't pick up anywhere else in town.
- 12) Report from John on informal survey at T/S last Sunday, while handing out HRC (Henniker Recycling Committee) compost bins and rain barrels. From 11:26 AM to 1:32 PM about 119 cars and trucks entered, that's 57 and hour. Almost all seemed engaged in some sort of recycling activity. At that rate for 26 hours, it would be 1,482/wk. John postulates that maybe we get half that every week. John has also asked Peter Flynn for whatever data Mark Lindsay collected while working as the decal checker.

- 13) Review script of questions to be posed to businesses and other institutions. John incorporated most of Michael's suggestions on the script. The committee reviewed and agreed with the revised script. John proposed that the committee not ask for opinions about specific future options such as PAYT and mandatory recycling. The committee agreed that asking about curbside pickup and single-stream would be appropriate, and in particular asking for what would help the businesses most (open-ended question).
- 14) Review list of Henniker businesses: The committee reviewed the comprehensive list of 249 businesses compiled by the town. Members selected a sampling of most types of businesses in town and assignments were made for each member to call and survey specific businesses before the next meeting.
- 15) Review future meeting dates: 5/21, 6/4, 6/18, 7/9 and 7/23. All are Thursdays, and all are planned for 7:00 PM at The Grange
- 16) **Motion to adjourn made by Amanda Gilman at 9:58 pm, seconded by Lia Houk and carried unanimously.**

Submitted:
5/13/09
Amanda Gilman

Reviewed:
5/16/09
John V. Kjellman

Approved as submitted:
5/21/09

Town of Henniker
Solid Waste Disposal Committee
Nineteenth Meeting: Thursday, May 21, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Don Blanchard, Bill Christiano, Michael C. French, Lia Houk, John V. Kjellman, Donna MacMillan, and Linda Patterson.

Absent: Amanda Gilman

- 1) Chairman John Kjellman called the meeting to order at 7:03 p.m. Chairman's introduction:
 - a. Handouts: Agenda, draft minutes of May 7 meeting, preliminary draft of report to Town.
 - b. PAYT lost big time in Bow (235-131, 1.8 to one, almost two to one). Generally when PAYT has been defeated it has been close.
 - c. Corcoran has been evicted from the building it was leasing in Manchester, for non-payment of rent, and it appears that its plan to build a single-stream facility in Manchester is dead.
 - d. The COOP seems to be proceeding along with its plans for a new single-stream (S/S) facility, but it does not appear certain at this point. John talked with Liz Bedard of the COOP and told her he didn't expect the Town to take up the issue until later this year, and that any proposals for major changes such as S/S processing would likely go to the voters next March. Liz seemed OK with that scenario, and did not indicate the COOP expected a decision sooner.
 - e. John had a conversation with BOS chairman Tom Watman about "the intentions" of the committee in regards to making specific recommendations. John pointed out we were told not to make specific recommendations, but to present feasible options. Tom said that is correct, but there is a new Board and if we wished to come back to the Board to request a change to our charter, we could do so. I said we were happy presenting options, and planned to do so in a couple of months, but that there might be some ongoing dialog between the Committee and the BOS after that. The strong consensus of the Committee was that it should continue under the original plan. Tom also pointed out to John that he reads the Committee's minutes. The thought that someone is reading the minutes pleased the Committee.
- 2) The minutes of the meeting of May 7, 2009 were reviewed. **Michael French made a motion to accept them as written. Donna MacMillan seconded the motion. The motion carried unanimously.**
- 3) Lia Houk gave a report of her (and John Kjellman's) recent tour of the Casella single-stream recycling processing facility in Auburn, Massachusetts. The tour

was sponsored by the Concord COOP, which plans to build a similar facility in Penacook, next to the Wheelabrator incinerator.

Lia pointed out that unlike the NRRA tour to this facility last Fall, this time people got to go inside the plant, which was in operation. She noted it was very dusty inside, and that although most of the workers were wearing face masks, they were the inexpensive hardware store variety, and did not appear to be wholly adequate. Jim Presher indicated the COOP planned to enclose the sorting stations in its planned facility, and that they would be heated and air conditioned, and supplied with filtered air.

The Casella facility processes about 5,000 tons of recycled material a month, and has contracts to pick up the material and deliver it to the facility. Lia pointed out that this service is an important part of Casella's revenue stream, so it was not entirely dependent on income from the sale of recycled materials. John pointed out that the COOP is not at this time planning to offer that service, so the economics of the two facilities are not directly comparable.

Lia said she was surprised at how contaminated the output is, she saw plastics baled with cardboard, for instance. The Casella people acknowledged some contamination, but said it was within limits agreed to by the purchaser, and that Casella can adapt the process to meet customer requirements. Casella has multiple buyers for most of its commodities.

The facility processes all plastics (#1-#7), as well as rigid plastics such as toys and laundry baskets.

- 4) Bill Christiano gave an update on his quest to learn more about Bow Recycling. He said none of his calls were being returned, and that when he talked to the receptionist she was elusive and replied to a request to speak with the owners saying that they were "never in." The Committee's interest is that it wonders what happens to the recyclable materials that are being collected at HCS and reportedly taken to Bow Recycling for processing. Bill said he will continue to pursue the matter.
- 5) Reports from committee members on status of survey of Henniker businesses, and any problems or questions that have been encountered.
 - a. John Kjellman reported that Amanda has provided him with the data from the surveys that she has completed, and commented that some businesses are spending a lot of money on "trash" disposal.
 - b. Michael French reviewed the results of his survey of four businesses and institutions. All are doing some recycling. Some businesses take their own waste to the T/S. One office sends its paper to a shredding company, and it was thought that shredding companies recycle the shredded output. One industrial company spends \$450/month for two dumpsters, and cardboard is separated out. This business takes the cardboard and plastic bottles to the T/S. A restaurant that uses Naughton said that Naughton takes both its cardboard and glass for recycling.

Michael was told by one business that the cost of implementing additional recycling, perhaps single-stream, would not be worth the additional cost in labor. He said one person told him that the Town should make a recycling container available in the downtown area for single-stream recycling, and should not charge for the use of it, perhaps for a one-year evaluation. One business person said that many employees bring their trash from home and deposit in the business's dumpster. Other Committee members echoed that they heard that that was not uncommon.

One restaurant is collecting vegetable oil for recycling, and also providing food scraps for pig farmers.

- c. Donna pointed that another food service business said Naughton was taking its cardboard for recycling. John said he was under the impression that Naughton claimed to be doing no recycling, but Lia said she thought the one exception was cardboard. It's believed the cardboard is taken to the T/S.
- d. Don Blanchard said that one lumber mill is spending \$175/month on trash removal. It collects metal and takes it to Cowens in Concord for disposal. One restaurant does recycling and takes its waste to the T/S itself, and would do more recycling if there were economic benefits. Don said some people thought curbside pickup would be great, if it didn't cost anything extra. An auto repair business takes its own waste to the T/S, and recycles cardboard. The owner said he would get a dumpster (from Naughton, presumably) if the Town switched to PAYT.

The owner of the auto repair business complained that the T/S won't accept tires that are mounted on rims, that many people dumped tires on rims at his facility, which forced him not only to unmount them, but pay to dispose of the tires at the T/S. Lia said that was interesting, because the automotive business she surveyed reported it was able to get rid of tires that are still mounted at no cost, because its metal collections person takes them for free, for the value of the rims as metal scrap. Rod pointed out that aluminum rims would be particularly valuable.

Don reported that one business owner was concerned that the Parks and Rec and T/S budgets weren't kept separate, that because the same people perform both functions that the costs were intermingled. It is the belief of the Committee that this is not the case, that there is a good system in place for allocating costs to the proper departments. Lia reported she's heard others express the same concern.

- e. Lia Houk reported she had surveyed a number of businesses. Many small businesses are acting just like a home, they separate some or all recyclable materials and bring them and the solid waste (trash) to the T/S. Some said single-stream would be convenient. One person said she thinks Henniker should have mandatory recycling. A computer company sends old computer parts to Salem and gets some revenue from that, and also refurbishes parts for

resale. An automotive company collects metal for recycling. Businesses are paying \$100 plus per month for dumpsters. A restaurant reported that B&A Waste was picking up cardboard and glass for recycling. It was noted that the belief has been that B&A isn't doing any recycling, but it appears that it is doing limited recycling for some of its customers.

- f. Linda Patterson reported on the businesses she surveyed. A campground recycles aluminum cans but treats everything else as solid waste. It takes three loads (pickup truck) of trash to the T/S a week. She reported that a construction company was unhappy because it cannot dump C&D directly into the C&D hopper, so it hauls it to Concord where it costs \$125/ton to dump it. He says he has two 9-yard dump trailers which he uses, and that Concord is very helpful. He has been told he can't use Henniker's T/S because it fills up the trailers too fast. He would rather be paying Henniker than Concord. He further feels that if the T/S had a set of scales for C&D, it would be more equitable.

There was a discussion about the extent to which the T/S staff watches to see what is tossed and dumped into the hopper, and even if someone is around to take action in case somebody fell in when the compactor was active. The consensus was that the situation is not optimal.

- g. Donna MacMillan reported on the businesses she surveyed. One of the restaurants she surveyed creates about 30 bags of trash a month, which Naughton picks up. It does take paper to the T/S for recycling, and does something with its cooking oil, but it wasn't clear where it goes. Another food service business has about 16 employees and generates about 20 yards of trash a month which is picked up by Naughton. Naughton also takes the cardboard. The owner didn't want to talk about single-stream processing. Another smaller food service business recycles everything, and takes its own trash and R/C to the T/S.
- h. Bill Christiano reported on the businesses he surveyed. One business was too busy to talk (come back in June). Another recycles a lot of cardboard and some other materials, and takes two pickup truck loads to the T/S a week. The owner said curbside pickup is not of interest, as it would raise taxes. He likes things the way things are. A restaurant is just now planning to recycle cardboard, but doesn't recycle glass at this time. Naughton is picking up the trash and will pickup the cardboard. The business is recycling cooking oil, and using biodegradable food take-out containers.

There was a discussion about the fact that restaurants are buying vegetable oil for cooking that can be recycled, and that Amenico makes a deal with them to sell the vegetable oil at a good price and then pickups up the used oil which it processes for use in waste oil furnaces for heat or hot water.

One restaurant and building owner reported he used to recycle, but then found the company taking his trash and recyclable materials was dumping it

all together so he no longer recycles. Naughton is taking the trash currently. Cardboard is not recycled, either, although John reported that he believed the cardboard was being recycled in the past. Again the issue of the cost of recycling was raised. This restaurant buys about 1,500 gallons of vegetable oil a year, which results in about 1,000 gallons which can be burned in a special furnace. A solar panel is being used to heat hot water.

A building owner who rents to college students thought it would be hard to get the students to recycle, and in general is concerned about the cost of doing more recycling, but is interested in do so.

Bill reported that NEC has 19 dumpsters and 34 buildings, and pays about \$3,800/month to Naughton to get rid of its trash. The college does recycle, paper is shredded, and college staff takes the recycled material to the T/S twice a week, except steel is taken to Cowens in Concord.

There was a discussion of the disposal of things of value that students leave behind, and how dumpster diving became a problem so people are no longer allowed to go through the trash. Bill mentioned that one colleges runs equivalent of a swap shop to allow for the disposal of such items.

Bill also reported the college has a problem of people who are not part of NEC using NEC's dumpsters to dispose of their trash.

- 6) John suggested that Rod might take the list of businesses that was mailed to each committee member, with list of those which had been assigned to committee members to survey, and take a few which have not been assigned and conduct a few surveys himself.

There followed a discussion of what to do the detailed survey results, and John indicated that he thought the best approach will be to develop a form or spreadsheet with columns for the items we think should be compiled for use in our report, and that each member could extract the data from their survey forms and add it to the spreadsheet. He said he would work on drafting up such a form or spreadsheet.

- 7) John reported on his efforts to structure the report that the Committee will make to the Selectmen, and says he's made several attempts at the task, and has settled into a structure and approach that he thinks might be effective. That task is to present the data concisely enough to get people's attention, but to include enough data to be informative, and that the subject is so complicated that we can't just list a series of options and expect the Selectmen to make a choice from the list. John asked Committee members to read the introduction, beginning sections of the report, and the appendix about the Committee itself, and to bring in comments at the next meeting, or to e-mail them to John before the meeting.

Linda asked if there would be value in including the number of hours committee members had expended working on the Committee. John said he hadn't thought of that, but that it was a good idea, He said he had already included a place in an appendix for the number of meetings the Committee has held, and also for the

number of trips that Committee members have made attending non-committee meetings and visiting solid waste and recycling facilities and other transfer stations.

- 8) There were no other topics raised for discussion. Lia and Bill reported they would not be able to attend the next meeting, and Donna reported she would not be able to attend the 6/18 meeting.
- 9) **Donna MacMillan made a motion to adjourn at 8:48 PM. Linda Patterson seconded the motion. The motion passed unanimously.**

Respectfully submitted:

05/26/2009

John V. Kjellman

Corrected and Approved:

06/04/2009

Town of Henniker
Solid Waste Disposal Committee
Eighteenth Meeting: Thursday, June 18, 7:00 PM
At The Grange

Approved Minutes

Present: Don Blanchard, Bill Christiano, Michael French, Amanda Gilman, Lia Houk, John V. Kjellman, and Linda Patterson

Absent: Donna MacMillan, Rod Pimentel

- 1) Chairman John Kjellman called the meeting to order at 7:04 p.m.
- 2) John addressed the comments that some members made at previous meetings about what they perceived as possible safety issues at the Transfer Station. John said he didn't feel that such issues should be included in the Committee's report, but that he would pass the comments along to Bob Pennock.
- 3) John said he was still concerned that some of the recyclable materials being picked up by commercial haulers may not actually be recycled, and that Committee members should be alert for any information that either proves or disproves this supposition.
- 4) **Amanda Gilman made a motion to accept the minutes from 6/4/09 without corrections, seconded by Linda Patterson and carried unanimously.**
- 5) Report from John on NRRRA Conference. John attended both days of the conference.
 - a. Keynote address by Jerry Powell indicated that the high peak in recycling prices from last summer were unsustainable, and likely won't happen again for a long time.
 - b. Marc Morgan from Lebanon Landfill gave a good talk on municipal budgeting. This facility serves 24 communities and is financially self-sustaining.
 - c. Roundtable discussion on Single Stream Recycling seemed to focus on the contamination issue. John pointed out that if a company is willing to pay for a recyclable product, then it is clean enough. If they start rejecting loads, or lower the prices they pay because of contamination, then the S/S facility has an economic incentive to reduce the contamination. In John's view, the contamination issue will be solved by market forces.

One benefit of S/S recycling is that S/S facilities will make a contract for one year, thus it would solve a budget problem we currently have, where we have no good way of accurately predicting recycling revenue for the coming year.

- d. Don Maurer from DES talked about how to calculate R/C rates. C&D, scrap metal, brush and yard waste all excluded. Composting of garbage is included, but only Keene in NH does composting, according to Maurer. Linda Patterson pointed out that from her site visits she has found several other communities that compost so this part might be inaccurate. John asked Linda Patterson to review the data from Don Maurer to reconcile it with her own information obtained from site visits. John noted that the EPA has 175-page publication on the subject, which he made available to committee members. One of the

handouts for this evening's meeting includes two tables from the EPA publication, which show what is and is not counted as recyclable material.

- e. Don Maurer is staff of one (a point he made several times). He will be out for a month and 2008 recycling numbers for N.H. won't be final for 2-3 more months.
 - f. C&D material comprises 23% of landfill material nationwide. There are some places that are recycling C&D rather than just simply landfilling it.
 - g. Food waste is 12% on average nationally (no figures for NH). Solid waste disposal in NH 7.1# /day/person, but heavily affected by 500,000 tourists a year. Maine is at 8.6.
 - h. EcoMaine has very active public awareness program on recycling. John has a CD they made. Lia commented that she had been impressed with EcoMaine's recycling program at last year's conference.
- 6) Bill Christiano plans to visit Bow Recycling before the next meeting in hopes to talk to someone, as he was still unable to obtain information over the phone.
 - 7) Business survey reports and updates
 - a. Don Blanchard reported on 4 businesses he surveyed. One business owner who was recycling cardboard is going to quit recycling all together because he has seen his hauler pick up his separated cardboard and put it in the same truck as his solid waste. This business pays \$280 a month for 2 dumpsters. He believes the current disposal System in Henniker is fine as it is and curbside pickup would only be advantageous if it was contracted out. This business also recycles metal privately. Another business Don surveyed pays \$175 per month for one dumpster. A third business Don surveyed recycles cardboard, metal and motor oil with a company called Safety Clean. This company fills one dumpster a week and noted that they have no interest in a PAYT program. The fourth business Don interviewed doesn't recycle their cardboard but does reuse most of it. They recycle their scrap metal privately and they do some other recycling when it is convenient by hauling it along with their trash to the Transfer Station themselves.
 - b. Mike French will be unable to contact Central Concrete so Amanda Gilman agreed to pursue this business survey.
 - 8) Review of business survey spreadsheet: The committee reviewed the first draft of the spreadsheet created by Amanda Gilman. Group consensus was that if the spreadsheet can fit on one page it would be better. John suggested using abbreviations and including a key or legend. Amanda will revise the spreadsheet for the next meeting.
 - 9) Henniker property valuation analysis prepared by John Kjellman. Businesses pay about 14% of Town property taxes and residents are paying 86%. This is corrected for exemptions but not for the Veterans Tax credit, which is a relatively small amount. In 2008, 3144 tons were sent to Penacook, 469 tons from B&A, 1569 tons from NSR (2038, 65%), and 1106 tons from T/S (35%).

John presented two scenarios that illustrate the fact that it appears that businesses create a disproportionate amount of trash compared to residents. He said that businesses pay 14% of the Town's property taxes, but under one assumption businesses generate 36% of the trash, under another assumption it is 55%. This is significant because the argument has been made that businesses are taxpayers and

should be able to dispose of their trash without cost just as residents do. (If they use a commercial hauler they now have to pay the tipping fee for the trash.)

Lia said it might be useful to separate hauling and tipping fees out of the TS budget, to get the portion of taxes that go to the operation of the TS, as businesses that use haulers don't use the transfer station. The point being that even though they may be generating proportionally more trash than residents, the fact that they are not using the TS should be taken into account.

Linda noted that some business haul their own recyclables to the TS, which does contribute to the revenue stream and thus might shift these numbers. Lia pointed out that in general residents probably recycle a higher percentage of their waste than do businesses, and Amanda said she didn't think businesses recycled enough cardboard to have much of an impact on recycling revenue. It was pointed out that businesses might really benefit from single stream recycling.

It was noted that having tonnage numbers from the different haulers might aid in the accuracy of these calculations. Amanda Gilman will make another attempt to find out from Naughton the percentages of the trash it picks from residents and businesses. John said he intends to "track down" B&A Waste before our report is finished.

- 10) Review of John's draft report to Town. Comments on Version 4 handed out at last meeting. Version 5 handed out at tonight's meeting.
 - a. Plan for BOS: Final meeting review 8/13 (Thr), BOS presentation 8/18 (Tue).
Very tentative at this point, John will meet with Tom Watman.
 - b. Executive Summary. John noted due to the expected size of the report that we will need some sort of executive summary. Don Blanchard said he would be willing to work on that project.
 - c. John asked Lia about doing a Power Point presentation of the executive summary, and she said she would do that.
- 11) **Motion to adjourn by Mike French at 8:36pm, seconded by Linda Patterson and carried unanimously.**

Submitted 6/23/09

By Amanda Gilman

Reviewed 7/03/09

By John Kjellman

Approved as submitted:

7/09/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Second Meeting: Thursday, July 9, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Bill Christiano, Michael C. French, Lia Houk, John V. Kjellman, Donna MacMillan, Linda Patterson, and Rod Pimentel

Absent: Donald Blanchard, Amanda Gilman

1. **Chairman John Kjellman called the meeting to order at 7:01 p.m.**
2. Introduction by Chairman.
 - a. Concord started its PAYT program on Monday. There was a article in the Monitor a few days ago that talked about a shortage of bags, but overall it didn't seem like a big problem. The city reported 91% compliance the first day, and the chairman of the Concord Solid Waste Advisory Committee was quoted as saying that when he drove around he had never seen so much recycling material out for pickup. Rod Pimentel commented that he read that in the weeks prior to the start of PAYT, the amount of waste increased significantly as people cleaned up in anticipation of the new rules.
 - b. HB 338, which provides a N.H. definition of E-Waste, was just signed by Gov. Lynch. John will ask Amanda to get a copy of the new regulation.
 - c. The NRRA continues to report slight improvements in the price for recycled materials. Metals, cardboard and mixed paper are leading the way in better prices. Plastics are only marginally above zero.
3. The minutes of the June 18, 2009 meeting were reviewed. **Lia Houk made a motion to accept the minutes as submitted, without corrections. The motion was seconded by Michael French. The motion passed unanimously.**
4. Linda Patterson pointed out that the Peterborough Recycling Center was awarded a Community Beautification Award from the N.H. Arborists Association. Linda commented on her positive impression of the landscaping at the Peterborough Recycling Center when she visited it.
5. Bow Recycling (again): John said he asked Bonnie at NRRA what she knew about Bow Recycling. She said the company hauls some glass for NRRA, but didn't know anything about its recycling program. She said she would not be comfortable asking Bow Recycling about its operations. Bill Christiano said he made a visit and that the facility is not impressive. A home has been converted for use as an office. Serendipitously, Bill met the owner, Stanley Emanuel, who was cordial but not at all eager to talk. Bill said the firm also operates as Zero Waste Recycling Services, Inc.

Bill said that at the same time he met Bob Allgaier, president and CEO of Pinard Waste Systems, who was more than willing to talk, but couldn't at that time because he had other commitments. Bob indicated he didn't know much about Henniker's solid waste disposal operations, but indicated he would be willing to talk to Bill at a later time.

Bill observed that the Bow Recycling facility was dirty and cluttered. He saw a big pile of trash, but did not see any quantities of recyclable materials.

6. Recycling rates: John said he wanted to correct a statement he made at the last meeting, when he said yard waste taken to the T/S does not count as recycling. He said according to the EPA, it does. He said he called Don Maurer at DES to ask about the comment Don made at the NRRA conference that only Keene in N.H. does composting, but he is out until July 27, getting “new” knees.

Linda reiterated her comment of the previous meeting that it is her observation that many communities are doing composting. John said perhaps he misheard Don, and would contact him after he returns to work.

7. John said he talked with Bonnie at NRRA about the rules regarding moisture in cardboard. Bonnie said the spec is no more than 8% moisture content, and that sometimes it is checked. John said that makes clear that storing cardboard where it is exposed to the weather is not allowable. He said Bonnie also said cardboard breaks down in direct sunlight, and renders it not usable for recycling.
8. Linda Patterson said she did another business survey; a grocery store. It has two 5-6 yard dumpsters which are emptied once a week by Naughton, one for trash and one for cardboard, which is recycled. The manager didn't want to say how much Naughton was charging for the service. He did say the store generates a lot of food waste that could be composted. Right now some farmers pick up some of it for their pigs, but much of it is tossed as trash. He ventured the opinion that a pay-per-bag disposal program would not be good for Henniker. In the ensuing discussion it was pointed out by committee members that by hiring Naughton, the store itself was on a PAYT program.
9. Rod Pimentel said he surveyed the owner of a mobile home park. The business does not provide any dumpsters so mobile home owners are left to their own devices to dispose of their trash and recyclable materials. Presumably most if not all take it to the T/S.
10. John noted that Amanda is not at the meeting, so we can't review her spreadsheet to summarize the pertinent information that resulted from the business surveys.
11. Rod said he had spent some time working on his section of the report about why a new landfill or town-operated incinerator is not in Henniker's future. He said it was very difficult to find numbers that were relevant that could be used in a spreadsheet, and that he came to the conclusion that a town like Henniker could not do either option on its own, that greater volume was needed and that only a COOP could feasibly operate a landfill or incinerator. And guess what? Henniker is part of a COOP. John said he agreed, and asked Rod to simply write up a few paragraphs that make that point. He said the fact that a multi-million dollar investment would be required with either option, with higher, not lower, operating costs, is enough to justify our decision to discount these options. Rod said he would write something up that could be used by John in the final report.
12. Draft version of report to BOS. John responded to Rod's comments by saying that what has been happening is committee members have been gathering information and writing reports, and he was using those reports to write the committee report. He said it is a two-step process. Committee members provide information to John, and then committee

members need to review the draft report not only to fix minor problems of syntax and typos, but also to see if they agree with the report. John said it is important that members feel ownership, that this is to be a committee report, not his report. In order for that to happen, John said it is important for him to get feedback from the committee, as the report will be better if it reflects the thinking of all members, not just those of the principal author.

Lia asked if each member could be e-mailed the draft report file, so they could make comments and track changes directly in the report file. John said he thought that was a good idea when the report becomes a little further developed, but at this time he said he preferred just to get written or verbal comments.

13. John then talked about his conversation with chairman of the BOS, Tom Watman about presenting the report to the BOS. They worked out a plan which calls for the committee to submit the final report to the Town secretary on 9/11/09, and to make a one-hour presentation to the BOS at its regular meeting on 9/15. Tom said he would plan for a one hour presentation and 30 minutes of Q&A. That would be followed by further discussion between the committee and the BOS on 10/6. Depending on the outcome of that discussion, there could be a public forum in late October or Early November to discuss whatever changes the BOS thinks should be considered by the Town.
14. John asked the committee to focus on the introduction of the draft report which deals with economic and fairness issues, and the first five options, as he feels that part of the report is getting close to finished form. In particular, does the committee agree with opening the report talking about economic and fairness issues that exist with the present system?
15. John told Linda he would like her to do some type of written introduction for her spreadsheet of neighboring towns.. She pointed out that it was difficult, because what she found is that every community is different. There was a discussion about this, and Lia suggested we can say something about how many of neighbors are PAYT, and what towns have scales, etc. Rod asked, did you see some towns that stood out in one way or another? Linda said yes, Peterborough, Plymouth. Rod asked, what made them stand out. Linda said that was very subjective, that in some cases it showed a lot of ownership by the staffs. Lia said that was important and worth noting. There was a further discussion on the issue of “subjective” versus “objective,” Linda thinking that everything in the report was going to be objective. The consensus was that there is a lot in the report that will be based on subjective judgments. Rod said what he was getting at is, were some communities more successful in some way (higher recycling, for instance), and if so, why?
16. John reviewed the future meeting schedule:
 - a. Thursday PM, 7/23/09 --Regular Committee Meeting
 - b. Thursday PM, 8/13/09 -- Regular Committee Meeting
 - c. Thursday PM, 8/27/09 -- Regular Committee Meeting
 - d. Thursday PM, 9/10/09 -- Regular Committee Meeting
 - e. **Friday AM, 9/11/09 -- Final report to Town Secretary (John)**
 - f. **Tuesday PM, 9/15/09 --Presentation to Board of Selectmen**

- g. Thursday PM, 9/24/09 -- Regular Committee Meeting
- h. Tuesday PM, 10/6/09 -- Follow-up discussion with Board of Selectmen**
- i. Thursday PM, 10/15/09 -- Regular Committee Meeting
- j. Late October/Early November -- Public Forum (tentative)**

17. **Donna MacMillian made a motion to adjourn, which was seconded by Michael French. The motion carried unanimously at 7:57 PM.** John then announced that members couldn't leave yet, and presented the committee with a one-year birthday cake, saying tomorrow was the one-year anniversary of the committee's first meeting.

Submitted 7/11/09

By John Kjellman

Corrected and Approved 7/23/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Third Meeting: Thursday, July 23, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Michael C. French, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, and Rod Pimentel

Absent: Bill Christiano, Linda Patterson

1. Chairman John Kjellman called the meeting to order at 7:02 p.m.

2. The Chairman began with his introduction:

- a. Handouts: Agenda, Draft minutes of July 9 meeting, Updated preliminary draft of report to Town (Version Seven)
- b. A lot of recent articles in Monitor about Concord's PAYT program, and related solid waste disposal issues, some of which I haven't yet read.
- c. Tony Caplan of Mink Hills Center for Sustainable Development of Henniker (Ray Road) filed suit with DES in January 2009 appealing DES decision to renew Wheelabrator's five-year operating permit for the Penacook incinerator (which has to be renewed every 5 years), on basis of increased dioxin emissions, even though they are within current regulatory limits.
- d. Also there were recent My Turns in Monitor discussing planned increase in Penacook tipping fees (\$56 in 2010, \$65 in 2011). Stephen Clough wrote on 7/10 that COOP should dip into reserves instead. Bill Herman, who is chairman of the COOP, wrote on 7/15 saying reserves must be maintained and that the increases are justified.
- e. Plans for the COOP's S/S facility are on hold. In part because of the soft market for recycled materials, but also because of insufficient guarantees of recycled materials to make the facility cost effective. Apparently Nashua decided to send its commingled materials to Maine. I have a copy of the COOP's report to its board members. It seems to indicate COOP really needs about 30,000 tons per year for the facility to be viable (tipping fee for commingled recycled material less than trash tipping fee).
- f. Bob has instituted a pilot-recycling program for plastics #3-#7, including yogurt cups, clear plastic egg boxes, and shopping bags. See summer issue of the Outlook for details. Note also, Hazardous Waste Day will be 10/3.
- g. Notice from Spirit of Henniker Organizational Team: Music on Main Street on Saturday 9/12 5-10 PM. There will be food, crafts, music, and entertainment.

3. The minutes of the July 9, 2009 meeting were reviewed and corrected. Lia Houk made a motion to accept the corrected minutes. The motion was seconded by Donna Macmillan and passed unanimously with Donald Blanchard and Amanda Gilman abstaining.

4. Reports and updates from members:
 - a. Amanda has no new information from Naughton and she will contact them before the next meeting.
 - b. Amanda passed out a revised business survey spreadsheet and asked the committee for input. She will make the recommended changes and email it to the committee for each member to input their individually collected data. John will mail a paper copy to Don Blanchard for him to enter his data on.
 - c. Recyclable table for committee report by Amanda has not yet been updated but she will do so for the next meeting.
 - d. Landfills and incinerators report from Rod was emailed to John prior to the meeting.
 - e. Amanda reported on HB 338 final version, which was signed into law by Gov. Lynch on June 22, 2009. This bill essentially expands the definitions of electronic waste that have been prohibited from disposal in solid waste landfills since July 1, 2007. It adds video display media recorders, players and computers, as defined, to the list of items that may not be placed in a landfill or incinerated.
5. Review and discussion of updated draft of the report. The committee agreed that the report is on the right track and taking shape nicely. Discussion ensued as to the value of having a person outside of the committee review the report prior to submission. John reported that his plan was to have a final draft reviewed by Bob Pennock and Tom Watman prior to completion of the final version. The committee agreed that this was a good idea.

Discussion also centered on the subject of the businesses in Henniker and the apparent discrepancy in how businesses pay to dispose of their Solid Waste (e.g. using a private hauler versus trucking it themselves to the Transfer Station). In effect, businesses (and home owners) that use private haulers are participating in a voluntary Pay-As-You-Throw program, in that they pay both the cost of collection and the tipping fee at the incinerator. Those that take their trash to the Transfer Station do not pay the tipping fee.

The committee discussed ways to provide incentives to businesses to recycle, which would in effect reduce their disposal costs. It was agreed that single stream recycling is the easiest and most viable option for businesses, and if these items were accepted at the Transfer Station it would also reduce trucking costs (for the commercial hauler) for recycling, thus further reducing a businesses overall disposal costs. This could increase costs at the transfer station, as the overall cost of disposing of the material could be higher than the revenue which would be generated. The viability of this option has yet to be examined but these issues will be included in the final report.

This led to the discussion of single stream recycling being offered to the rest of residential Henniker, perhaps as an option, and perhaps at a small cost. The concept is that a resident could choose to utilize single stream recycling and pay a fee for how much recycling they have, or they could continue to sort recyclable materials (status quo) for free. The committee thought this issue was of interest in that it could actually increase recycling by residents who are willing to pay a fee for the convenience of single stream

recycling. However, this concept would only work if Henniker adopted some type of Pay-As-You-Throw program. This issue has yet to be fully examined and the committee decided to consider it further at future meetings.

6. Future meeting schedule:

- a. Thursday PM, 8/13/09 -- Regular Committee Meeting
- b. Thursday PM, 8/27/09 -- Regular Committee Meeting
- c. Thursday PM, 9/10/09 -- Regular Committee Meeting
- d. Friday AM, 9/11/09 -- Final report to Town Secretary (John)**
- e. Tuesday PM, 9/15/09 -- Presentation to Board of Selectmen**
- f. Thursday PM, 9/24/09 -- Regular Committee Meeting
- g. Tuesday PM, 10/6/09 -- Follow-up discussion with Board of Selectmen**
- h. Thursday PM, 10/15/09 -- Regular Committee Meeting
- i. Late October/Early November -- Public Forum (tentative)**

17. Donna MacMillian made a motion to adjourn, which was seconded by Don Blanchard. The motion carried unanimously at 8:15 PM.

Submitted 7/30/09
By Amanda Gilman
Reviewed 8/10/09
By John V. Kjellman
Approved 8/13/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Fourth Meeting: Thursday, August 13, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, Michael C. French, Amanda Gilman, John V. Kjellman, Donna MacMillan, Linda Patterson and Rod Pimentel

Absent: Lia Houk

1. **Chairman John Kjellman called the meeting to order at 7:03 p.m.**

2. The Chairman began with his introduction:

a. Handouts: Agenda, Draft minutes of July 23 meeting

b. Headlines in recent Concord Monitors

8/08 Recycling soars in volume, trash sinks

8/10 Council may vote on co-op

8/11 City of Concord okays co-op deal, conditionally

3. The minutes of the July 9, 2009 meeting were reviewed. **Donna MacMillan made a motion to accept the minutes as submitted. The motion was seconded by Mike French and passed unanimously.**

Reports and updates from members

4. **New plastics recycling program at TS:** Discussion by the committee was in favor of this new pilot program of single stream collection of all plastics #1-7, including plastic bags. One member reported that a TS employee suggested bagging plastics #3-7 together might make the sorting easier. This led to the discussion of increased manpower that it might be taking to sort all of the plastics.

Another TS employee told a committee member that they used to have to sort the plastics anyway, because there were always some materials in each container that didn't belong in that container, which contaminated the recyclable material. Apparently the new system is safer for the employees as now they don't have to reach down into the containers to remove the contaminants.

The committee also agreed that for the pilot program to be effective more public education and improved signage are desperately needed. As no signs have changed at the TS regarding this program there is almost no way for the public to find out about it, and those who do know about it are confused about what to do with the newly accepted plastics.

5. **Bow Recycling:** Bill Christiano was still unable to make contact with anyone from Bow Recycling. The committee agreed to stop investigating the issue, as it is not critical to the report.

6. **Report from Naughton & Sons Recycling:** The company kindly provided a chart itemizing the number of dumpsters, their sizes and the frequency of their pickups in Henniker. The committee's question remained as to how much residential trash was included in these numbers. Amanda Gilman to contact Naughton for clarification. Discussion ensued as to how the town ordinance for commercial haulers trucking directly to the incinerator in Penacook came about. It was meant to prevent haulers from picking up trash from other towns and dumping it on Henniker's bill. At the time this policy was consistent with that of surrounding towns.
7. **Business Survey Spreadsheet:** Amanda presented the business survey spreadsheet with the data of ½ of the committee members. The committee decided on a more clear definition of the categories of items recycled and how these items are recycled. This way the potential for more recycling might be apparent. Committee members are to make the appropriate changes and email them to Amanda for compilation.
8. **Recyclable Materials Table:** Amanda presented a table compiling all of the items accepted at the transfer station that either require special handling or can be recycled. Rod Pimentel agreed to take this table over for future revisions.
9. **Summary / Table of Neighboring Communities:** Linda Patterson has completed this and sent a version to Chairman John Kjellman for review.
10. **Review and Discussion of Updated Report Version 7:** The committee reviewed and discussed this version. Chairman John Kjellman to make the changes discussed by the committee and continue to develop the report. He reported that he had been unable to make as much progress on the report in recent weeks as expected, due to a serious illness in his family. He said he had been in contact with Tom Watman, chairman of the Board of Selectmen, and they mutually agreed to defer presentation of the Committee's report to the BOS for a few weeks.
11. Future meeting schedule:
 - a. Thursday PM, 8/27/09 -- Regular Committee Meeting
 - b. Thursday PM, 9/10/09 -- Regular Committee Meeting
 - c. Thursday PM, 9/24/09 -- Regular Committee Meeting
12. **Motion to adjourn was made by Linda Patterson at 9:13 PM, seconded by Bill Christiano and carried unanimously.**

Submitted 8/27/09
By Amanda Gilman
Reviewed 8/27/09
John V. Kjellman
Approved 8/27/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Fifth Meeting: Thursday, August 27, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, Michael C. French, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan, Linda Patterson and Rod Pimentel

Absent: None

1. **Chairman John Kjellman called the meeting to order at 7:00 p.m.**
2. The minutes of the August 13, 2009 meeting were reviewed. **Linda Patterson made a motion to accept the minutes as corrected. The motion was seconded by Donna MacMillan and passed unanimously.**
3. Items of general interest not directly related to development of the report.
 - a. Chairman John Kjellman reported on an article from the Concord Monitor on the Concord COOP's single stream facility plans. According to the article the COOP has put the plans for the facility on hold due to a shortage of tonnage. Apparently they have commitments for less than the 25,000 tons per year needed to make the project viable, and much less than the 30,000 tons per year needed to make the facility economically beneficial. Also of note is the debate within the COOP as to whether or not the COOP should use some of its capital to keep tipping rates lower than they would otherwise be if and when the facility is built. The argument is that the money belongs to all COOP members and some of the benefit of lower tipping fees would accrue to non-COOP members, and COOP members not using the facility would not get any benefit, either.
 - b. Mike French reported that he spoke to a woman from the Bradford Transfer Station about recycling of all plastics including #3-7, as Henniker has recently started doing. The woman reported that in her experience she believed most of the plastics were not being recycled even though vendors said they were. The committee agreed that there is no reason to believe this is the case in Henniker and the information is hearsay and not necessarily based on fact, as the woman did not cite her sources.
3. Reports and updates from members related to development of the report
 - a. Amanda has not yet heard back from Naughton regarding the question about their residential customers. She will pursue this again for the next meeting.
 - b. Business Survey Spreadsheet: Amanda has received updates from a few of the members but not from all. She requested that all members get their information to her via email prior to the next meeting so she may finish compiling the spreadsheet for the next meeting.
 - c. Neighboring Communities Spreadsheet: Linda presented her spreadsheet to the committee for review. John Kjellman noted that many towns have a policy of mandatory recycling, but Linda commented that many towns don't enforce this policy. Linda voiced frustration that it might be easy to draw inaccurate conclusions from some of the data. John noted that the introduction for the spreadsheet should point out these inconsistencies

- so the reader understands that all of the numbers are not created equal and may have many factors that influence them and prevent them from being compared to all numbers across the board.
- d. Mike French reported that he has been investigating a way to obtain an estimated number of the pounds of trash generated per person throughout the state of NH. His proposal is to then utilize this calculated rate of trash generation and see if it correlates with the recycling rates from neighboring towns. By actually calculating the amount of trash generated per person it appears that some of the towns with higher recycling rates aren't actually reporting accurate numbers, as their total trash volume doesn't correlate with the amount of estimated trash per person. The committee agreed that this information would also shed some light on some of the data in Linda's spreadsheet. John asked Mike to prepare this information for presentation at the next meeting.
 - e. Henniker Transfer Station Spreadsheet: Rod went over the spreadsheet with Bob Pennock to ensure the accuracy of the information. The committee agreed that the spreadsheet now clearly showed what the Transfer Station accepts and how it is handled. The committee made a few minor suggestions for corrections or improvement but overall it was agreed that the spreadsheet is comprehensive and thorough.
 - f. John Kjellman reported that he has obtained a video from the EPA on Pay-As-You-Throw if anyone was interested in viewing it. Lia reported that she too had a copy of this video and that the Recycling Committee had viewed it in the past. The committee agreed that it might be of use at a later date if PAYT is instituted in Henniker, but is not pertinent at this time.
 - g. Don Blanchard presented a draft of the Executive Summary based on the report thus far. The committee thought it was excellent, but suggested a few changes. Don agreed to continue to update it as the report continues to develop.
4. Review and discussion of the draft report to the Board of Selectman:
 - a. John reviewed comments submitted by Mike French about the draft report. The committee discussed these suggestions and John made note of agreed changes.
 - b. John said he was still behind on his work on the report, due to an illness in his family, but said he thought he can get a substantial amount of work done on it before the next meeting. He plans to have an updated version of the report for the next meeting.
 5. Next meeting scheduled for 9/10/09 at 7:00pm at the Grange.
 6. **Motion to adjourn was made by Amanda Gilman at 2030, seconded by Donna MacMillan and carried unanimously.**

Submitted 9/3/09

By Amanda Gilman

Reviewed 9/6/09

John V. Kjellman

Approved as submitted: 9/10/2009

Town of Henniker
Solid Waste Disposal Committee
Twenty-Sixth Meeting: Thursday, September 10, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, Amanda Gilman, Lia Houk, John V. Kjellman, Linda Patterson and Rod Pimentel

Absent: Donna MacMillan, Michael C. French

1. **Chairman John Kjellman called the meeting to order at 7:02 p.m.** and began with his introduction
 - a. Just an FYI: the National Recycling Coalition, an organization that promotes recycling, has filed for bankruptcy.
 - b. The Chairman thanked the committee members for their continued commitment to the committee. He stated the report has come a long way and is close to the end. He stated that the most important thing he needs now from committee members is their review and critique of the final report as it takes shape. He said that if members are pressed with other time commitments it is OK to skip a meeting, but that he hoped everybody would remain on the committee so we all can be part of the final report.
 - c. The Chairman reported that he has made considerable progress of late, and with the end of the report in sight he is motivated to get it finished.
2. Handouts: Agenda, Draft minutes of August 27 meeting, Flyer from Recycle America, Concord Monitor article on wooden compost bins, NRRRA Fall Tour flyer.
3. The minutes of the August 27, 2009 meeting were reviewed. **Don Blanchard made a motion to accept the minutes without correction. The motion was seconded by Linda Patterson and passed unanimously.**
4. Reports from members on items of general interest, not directly related to development of committee report to Board of Selectmen.
 - a. Bill Christiano reported from a recent Henniker Selectmans' Meeting. An amendment was passed to begin charging \$5 for a 20-gallon bucket of ash. This is subject to prorated assessment for volumes over or less than 20 gallons. Gobin Disposal is to pickup the ash from the Transfer Station. This was initiated because of ash being brought to the Transfer Station from local campgrounds.
 - b. Don Blanchard reported on a conference that he recently attended sponsored by UNH on Recycling for Public Works with Don Maurer of NH DES as the guest speaker. He made mention of items of general interest:
 - i. A breakdown of the percentages of the different components that make up municipal solid waste nationwide. These include: food scraps

12.5%, plastic 12.1%, wood/rubber 5.7%, paper 32.7%, glass 5.3%, metals 8.2%, yard waste 12.8%, and leather/textiles 7.6%.

- ii. In NH, each 1% increase in recycling equates to a cost savings of 1 million dollars. Linda Patterson noted that this statistic had been presented to the committee before but that we still didn't know what it was based on.
- iii. It was suggested that towns consolidate their recyclables for pooling with other towns to obtain larger loads as they are worth more in the recycling market. In some cases only 1/8 of the reimbursement may be obtained for an under-filled load. John pointed out that NRRRA has been working on a consolidation program for towns.
- iv. Glass is difficult to recycle due to contamination (Lia suggested this might be from metal caps) and that the market is really only for clear glass. A discussion ensued as to where Henniker's glass goes. It was pointed out that that the Town used to crush it and make it available as fill, but now it is taken to a facility that the crushes it and disposes of the glass chips.
- v. PAYT programs are now being used in 46 NH towns. Don Maurer again billed this as the best and cheapest way to increase recycling but said that it takes about 1 year to prepare the program for a town warrant article.
- vi. Discussed the RSA that is to take effect on Jan 1, 2011 regarding the burning of any processed wood or C&D debris. He stated that towns will still be able to burn yard waste, but no C&D or processed wood.
- vii. Pharmaceutical disposal is a nationwide problem with 10-25% being disposed of improperly. There are federal guidelines for proper disposal of prescription drugs and sharps and needles. The committee agreed that this is an issue that will likely be mandated to address in the future.

5. Reports and updates from members.

- a. Amanda reported from Naughton and Sons on their residential business. Most of their residential business is apartment buildings, and only about 5% of their business is with individual households. Their smallest container is a 2-yard dumpster.
- b. Business Survey Spreadsheet: Amanda handed out the updated copy of the spreadsheet, which includes the data from all committee members. She noted that there are a few sections that are blank and that need filling in and she will talk to individual committee members to resolve these few areas. She also plans to review and edit the spreadsheet again before it is finalized.
- c. Linda Patterson sent John an introduction to her neighboring communities spreadsheet. He noted that it was on the right track and that he will integrate it into the report.

- d. Transfer Station Spreadsheet: Rod Pimentel asked the committee to review again the changes to be made to the spreadsheet. This was done and changes were agreed upon.
 - e. Single-Stream recycling analysis: Lia Houk has nothing new to report at this time. She and John will coordinate over the next few weeks to discuss this.
 - f. Rationalized Recycling Rates Chart: Michael French emailed John his chart. John noted that the chart needed a bit of clarification and said he would ask Michael to explain it to the Committee at the next meeting.
6. Review and discuss draft report to Board of Selectmen, and plans for completion of report. Discuss approach to be taken regarding the latest version of the report.
- a. The Chairman led a discussion on the best way for the committee to review drafts. He has incorporated the comments of the committee to date. He hopes to have a near final draft to be reviewed for the next meeting. Rod Pimmentel suggested that the lines be numbered to aid in the group editing process.
 - b. The Chairman spoke with Tom Watman (chair, BOS) and told him where the committee stood on the report. Tom expressed no concern to John and said we should take the time needed. At the current time the pressure to finish is primarily that of the Committee's own motivation to complete the project.
 - c. The Chairman led a discussion on the PAYT section of the report. The question was raised as to what the PAYT bag cost should cover. If the goal is to cover the cost of the entire T/S, the cost might be prohibitive. However, if the bag cost were just to cover the tipping fee it would be much less. Many communities don't include the overhead cost for T/S operation into the bag cost. It was pointed out that this is exactly what people who use commercial haulers are paying for, just the tipping fee.
- John pointed out that covering the full cost of T/S operations through some type of PAYT program appeared to be feasible only if the overhead costs of the T/S could be significantly reduced. He said there is a lot of focus on the trash disposal and recycling functions of the T/S, but that a lot of other things go on there as well, such as the Swap Shop and the disposal of electronic waste, propane cylinders, items with mercury, non-disposable batteries, and the like, as well as C&D and brush. These functions need to be funded one way or another.
- The Chairman noted that there is a fundamental question about the primary purpose of a PAYT program, is it to cover the cost of the T/S, or is it to provide citizens with the economic incentive to dispose of less trash and recycle more? The answer makes a big difference in PAYT fees.
- The discussion then turned to single-stream recycling and curbside pickup and how these might reduce the overhead costs at the transfer station, as it would only require limited hours of opening and limited volume.
7. Next meeting scheduled for 9/24/09 at 7:00pm at the Grange.

8. **Motion to adjourn was made by Amanda Gilman at 8:18 pm, seconded by Rod Pimentel and carried unanimously.**

Submitted 9/16/09

By Amanda Gilman

Reviewed 9/18/09

John V. Kjellman

Corrected and approved 9/24/2009

Town of Henniker
Solid Waste Disposal Committee
Twenty-Eighth Meeting: Thursday, October 15, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Michael C. French, Amanda Gilman, Lia Houk, John V. Kjellman, and Linda Patterson

Absent: Bill Christiano, Donna MacMillan, Rod Pimentel

1. **Chairman John Kjellman called the meeting to order at 7:06 p.m.**
2. Chairman's introduction:
 - a. California Legislature passed new legislation, not yet signed into law, that imposes new and raises old container deposit fees. This is a big controversy because the container deposit fund has recently been raided to help fund the huge deficit in the general fund. The chairman raised the point that this is similar to arguments that are made against the PAYT option, that the revenue generated from PAYT might not be used to reduce the cost of trash disposal, but may be used for other purposes, and taxes might not actually decrease.
 - b. Lia Houk has resigned as chair of the Henniker Recycling Committee (HRC). The town secretary Nicole Gage sent out an email asking if the committee had a new chair or if any meetings were scheduled. John reported that he didn't believe either was the case and that the committee should perhaps take a hiatus until after the SWDC report had been completed. Then perhaps there would be cause to revive the committee with new leadership.
 - c. The Chairman recognized Lia Houk for all of her hard work with the committee over the last 12 years, and added that he thought Town leadership did not recognize all the little things Lia has accomplished over the years. Don Blanchard suggested a resolution be included in the minutes recognizing her efforts. John Kjellman noted that the Town should recognize her for her efforts, not this committee. The committee agreed. John will write a letter to the Selectman suggesting recognition for Lia.
3. The minutes of the September 24, 2009 meeting were reviewed. **Don Blanchard made a motion to accept the minutes with one correction. The motion was seconded by Linda Patterson and passed unanimously, Michael French and Amanda Gilman abstaining.**
4. Reports and updates from committee members:
 - a. Business Survey Spreadsheet: Amanda has revised the spreadsheet and is waiting for some final information from Don Blanchard. She will have a final draft ready by the next meeting.
 - b. Rationalized Recycling Rates Spreadsheet: Michael has completed a spreadsheet that attempts to compare the recycling rates of local towns given

the total trash they are likely produce for their populations. He calculated an average of the trash Henniker creates by adding the weight of Henniker's total recyclables to the weight of total trash sent to the incinerator and then divided this by the estimated population for 2007. The result was 4.03 lbs of trash/person/day (0.74tons of trash/ person/ year). John noted that this number is very close to the national average as well. Applying this calculation to other town's population figures shows very different recycling rates than were actually reported by other towns. This indicates that other towns might actually be reporting flawed numbers or that they are creating significantly less trash than Henniker and less than the national average. Linda noted that this is consistent with her findings from the town survey that she and Donna did, as some towns accept recycling from other towns while at the same time refusing trash from businesses within their town. Based on this calculation, Michael found that Henniker's Rationalized Rate was 16% and very close to what Henniker reports, whereas other towns Rationalized Rates are very different from their reported rates. John suggested that Mike send this spreadsheet to Don Maurer of NHDES.

- c. John Kjellman recently participated in the NRRRA Fall Tour to:
 - i. Northside Carting (C&D processing) in North Andover, MA: accepts C&D to make wood chips, which it sends to Maine for the making of tissue paper. It is essentially a single stream facility for C&D.
 - ii. Office Paper Recovery Systems in Wilmington, MA: essentially a single stream facility for paper and cardboard. Most of their paper is sent to China where there is a strong market for America's relatively "virgin" recycled paper, which has longer fibers than the paper made in China. Chinese paper and cardboard has a much higher content of recycled material. The more times paper is recycled, the shorter the fibers become, leading to lower grade paper products.
 - iii. Town of Wellesley, MA Recycling and Disposal Facility: Town of approximately 27,000 people. John noted that this was a very well marked facility having recently spent \$40,000 in signage that was approved by the town because the better signage saves in labor. The townspeople are still sorting all of their plastics even though they are then commingled by the employees. According to the manager this is because it takes about two years to educate people on changes. This is similar to what has been reported by Bob Pennock in the past. The committee agreed that this learning curve could be shortened with an aggressive education and signage campaign.
5. Review of the draft report to the Board of Selectmen Version 10: The committee reviewed and discussed this most recent draft, and John made note of the suggestions for corrections and improvements. Don noted that much of the history portion written by him and Michael had been significantly pared down for the purposes of the report. He asked if the full history section might be sent to the Henniker Historical Society. John Kjellman stated he felt that this was appropriate and the committee agreed.

6. Executive Summary: Don Blanchard asked about some of the information to include in the Executive Summary. John pointed out that for a report this size it was reasonable to have a summary of 2 pages or so.
7. Budget Request for 2010: The committee agreed to request a budget of \$1500 for 2010.
8. Next Meeting scheduled for November 12, 2009 at 7pm at the Grange. John plans to have the next draft to the committee by one week before (11/5/09) for review before the next meeting.
9. **Motion to adjourn was made by Amanda Gilman at 8:49 PM, seconded by Lia Houk and carried unanimously.**

Submitted 10/27/09

By Amanda Gilman

Reviewed 10/28/09

By John V. Kjellman

Approved 11/12/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Ninth Meeting: Thursday, November 12, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, Amanda Gilman, Lia Houk, John V. Kjellman, Donna MacMillan and Linda Patterson

Absent: Michael C. French, Rod Pimentel

- 1) **Chairman John Kjellman called the meeting to order at 7:06 p.m.**
- 2) Chairman's introduction:
 - a. Handouts: Agenda, Draft minutes of October 15 meeting, News stories on Concord PAYT, Bethlehem landfill contamination leaks, Zero Waste Efforts. Also Tom Watman's comments on Version 11C of report.
 - b. News stories talk about success of PAYT in Concord, although some of the early statistics are suspect. Bethlehem landfill issue is possibly a cautionary warning of what could happen in Henniker, although no signs of anything like that now. And, story on efforts toward zero waste in communities with limited waste areas like Nantucket. Don Blanchard, who was involved in the capping of Henniker's landfill, said he thought the risk of a contamination problem at Henniker's landfill is low.
 - c. The minutes of the October 15, 2009 meeting were reviewed. **Lia Houk made a motion to accept the minutes as submitted. The motion was seconded by Don Blanchard and passed unanimously.**
- 3) Reports and updates from members:
 - a. John: Kjellman family recycling rate. John has started weighing everything he takes to the T/S, excluding junk left in his mobile home by prior tenants. The results (need data over a longer period to be really useful): 36 days, 28% trash, 72% r/c: 10% Swap Shop, 4% plastic, 5% cardboard, 44% mixed paper, 7% glass, 2% tin cans. Garbage not included (just started weighing it). Long-term r/c rate will probably turn out to be somewhat less. Total MSW per day per person (36 days, 4 persons) approximately 1.5#, which is much below national averages. This highlights the point that much of the four plus pounds of trash generated per person is generated by businesses and other institutions such as schools.
 - b. Review and discuss draft report to Board of Selectmen, version 11C was mailed to each member. The plan is to review tonight, incorporate comments into report, and new draft in approximately two weeks, and final approval 12/3 at the next meeting.
 - c. Bob Pennock has started review, said he sees a few things to be corrected, but is impressed overall. He is giving copy to each of his staff to review. Each copy is

labeled as a draft and the Chairman has asked that it not be distributed beyond the T/S employees.

- d. Tom Watman has reviewed the draft and is also impressed. He had several questions and raised some good points. A copy of his comments was included in the handouts.
- 4) The committee reviewed version 11C of the draft report and agreed on suggestions for changes with the Chairman to be made before the next meeting on 12/3. The Chairman also asked committee members for any additional suggestions to be submitted to him ASAP so he could incorporate them in the next draft.
- 5) Don Blanchard submitted his latest draft of the Executive Summary for the committee to review, and provided a copy for each committee member. The Chairman asked members to review the document before the next meeting, and to submit suggestions to the Chairman or to Don as soon as possible.
- 6) Lia Houk agreed to use Don's Executive Summary as a basis for a Power Point presentation of the Committee's report.
- 7) Next meeting 12/3/09 at 7:00 pm at the Grange
- 8) **Motion to adjourn was made by Amanda Gilman at 2040, seconded by Linda Patterson and carried unanimously.**

Submitted 11/19/09

By Amanda Gilman

Reviewed 11/29/09

John V. Kjellman

Approved as submitted:

12/03/09

Town of Henniker
Solid Waste Disposal Committee
Twenty-Seventh Meeting: Thursday, September 24, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, John V. Kjellman, Donna MacMillan, Linda Patterson and Rod Pimentel

Absent: Amanda Gilman, Michael C. French, and Lia Houk

1. **Chairman John Kjellman called the meeting to order at 7:04 p.m.**
2. Handouts: Agenda, Draft minutes of September 10 meeting, NY Times article of September 17, 2009 about the tracking of trash and recyclables, Version 10b of the Committee's report to the Town.
3. Bill Christiano told the Committee that the City of Hampton has just voted to begin mandatory recycling starting October 1, 2009, to be phased in over several months. The intent is to decrease trash disposal costs by increasing recycling. Linda Patterson wondered how they were planning to enforce the regulations, and if they were planning to use clear trash bags.
4. John made a few announcements.
 - a. Donna MacMacMillan brought in an article from The Citizen of Laconia which said that the City of Franklin just voted to institute single-stream recycling.
 - b. John made reference to the NY Times article on tracking trash and recycled materials, the intent being to see how long it takes to get to its final destination.
 - c. NRRA's Fall Tour is scheduled for Wednesday, October 14, 2009. The tour will include tours of a C&D recycling facility, a paper recycling facility, and the City of Wellesley Recycling and Disposal Facility. A flyer for the trip was handed out at the last meeting. John said that he planned to attend, but no other members indicated that they planned to go on the tour. John said he would report on the tour.
5. The minutes of the September 10, 2009 meeting were reviewed. **Linda Patterson made a motion to accept the minutes, after corrections, which was seconded by Don Blanchard. The motion passed unanimously.**
6. Reports and updates from members.
 - a. John reported that he received an update from Rod Pimentel to his spreadsheet of materials handled at the Transfer Station, which he intended to read to the Committee, but he forgot to bring it to the meeting.
 - b. John also said that he had heard from Lia Houk, who asked for some updated data so she could complete her analysis of the single-stream recycling option.
 - c. John said that he had received an update from Michael C. French of his spreadsheet to rationalize recycling rates, but had not had a time to review it. He said that in any

event it would be best to have Michael explain the spreadsheet himself, which he should be able to do at our next meeting on 10/15.

7. Review and discuss draft report to Board of Selectmen, and plans for completion of report.
 - a. John said that the report was still not finished, but that he had made more progress since the last meeting, and that many sections of the report were essentially done. He pointed out that the most recent copy of the report had been handed out at the beginning of the meeting. He said he didn't want to review the report at the meeting, but that he wanted committee members to take the report as "homework" to review, and to offer comments, corrections and otherwise critique the report before the next meeting. He said sections of the report marked with "***" on the table of contents were those that are basically done, that the other sections still need more work.
 - b. John said that he did move the Steady-As-You-Go option to the end, per Don's suggestion, and that PAYT throw is now the first option discussed. That doesn't mean that's the way the Town should go, but he said that the PAYT section discusses economic issues that also affect the options that follow.
 - c. John said he would e-mail a copy of this version of the report to all members. It was pointed out that the printed version now has line numbers, per Rod's suggestion.
 - d. John said that Don and Michael should pay particular attention to the history section, as it was derived from their report. He said everyone should review the T/S economics appendix, and he noted that the yellow population line on the graph does not show on a B&W printer. Don pointed out that he had already noted one error, which John said he would correct.
8. The next meeting is scheduled in three weeks, for 10/15/09 at 7:00 pm at the Grange.
9. **A motion to adjourn was made by Rod Pimentel at 7:29 pm. It was seconded by Bill Christiano and carried unanimously.**

Submitted 9/26/09

By John V. Kjellman

Approved with corrections 10/15/09

Town of Henniker
Solid Waste Disposal Committee
Thirtieth Meeting: Thursday, December 3, 2009, 7:00 PM
At The Grange

Approved Minutes

Present: Donald Blanchard, Bill Christiano, John V. Kjellman, Linda Patterson, and Rod Pimentel

Absent: Michael C. French, Amanda Gilman, Lia Houk, Donna MacMillan

- 1) **Chairman John Kjellman called the meeting to order at 7:05 p.m.**
- 2) Chairman's introduction:
 - a. Handouts: Agenda, Draft minutes of November 12 meeting, News story in Concord Monitor (12/2) about Hopkinton's and Webster's threat to withdraw from the Concord COOP if the COOP spends any more money on the proposed single-stream recycling facility. Also, from Don Blanchard, draft of report executive summary.
 - b. In referring to the story about Hopkinton and Webster, John said there would seem to be question of whether or not building a new S/S recycling facility is the best use of the \$13 million the COOP has in the bank. Would a prudent banker loan the COOP that amount for the facility? Could COOP members better use the money themselves if the COOP declared a dividend of \$13 million?
- 3) The minutes of the November 12, 2009 meeting were reviewed. **Don made a motion to accept the minutes as submitted. His motion was seconded by Linda.**
- 4) Reports and updates from members:
 - a. John reported on a meeting he had on 11/29 with Bob Pennock. The purpose of the meeting was to get Bob's comments about the draft of the Committee's report. But Bob relayed other interesting information. Bob told John that the COOP tipping fee jumps to \$62.10 per ton effective 12/1/09. John said that based on what he (John) had heard this past summer that he had been expecting a rate of around \$56. The new Guaranteed Annual Tonnage will be 3,100 tons. If we go over that amount, the tipping fee on the excess drops to about \$43.60 a ton, the actual incineration fee. If Henniker is short of that amount, it has to pay the COOP about \$18 per ton (the COOP's portion of the tipping fee) on the shortfall.
 - b. John also said the Bob said that as of the past 2-3 months B&A Waste has been bring about a bale's worth of cardboard to the T/S every Wednesday, as well as other recyclable materials. That answers a question the Committee has had about what B&A Waste is doing with the recyclable material it picks up.

- c. Bob told John that Naughton is bringing an average of a couple of bale's worth of cardboard to the T/S on a weekly basis, also on Wednesday mornings. A bale of cardboard typically weighs about 1,000 pounds, or a little more.
 - d. John said that Bob spoke favorably about the report, and that he didn't have a lot of comments or suggestions for change. Bob told John that it was obvious that we have done a lot of work. Bob did indicate that he didn't think either single-stream recycling or Pay-As-You-Throw would work well for Henniker.
- 5) Review and discuss Don's executive summary of the report.
- a. Don asked if the final version of the report will have a big effect on his executive summary. John said that based on our last meeting he was reorganizing the report, but that we had largely agreed on the substance of the report, so the changes won't have much of an effect on the executive summary.
 - b. Rod suggested that the comment about single-stream recycling needing a special sorting facility needs clarification, to make it clear that there would be no need for Henniker to sort single-stream recyclables.
 - c. Linda suggested that the charge from the BOS to the Committee listed at the top of the summary needs expansion. While it repeats the central task assigned to the committee by the BOS, it doesn't reflect the fact that the BOS asked to study and report on the economic issues affecting solid waste disposal in Henniker.
 - d. Rod suggested the reference to Option 5, eliminate all recycling, needs to be toned down a bit, and it should indicate that doing so would result in undetermined long-term costs. We don't want it to sound like it might be cost effective to eliminate all recycling. John said that it isn't true that 2/3 of the Town's MSW is not being recycled, as some of the MSW generated by customers of the commercial haulers is being recycled.
 - e. Rod suggested some grammatical changes for Option 6, Steady-As-You-Go. Don said he thought some what is now in Option 6 should be in conclusions.
 - f. Discussion evolved to a discussion of the fact that changes at T/S are limited by the current footprint, but that there are options to expanding the T/S, including removing the berm between the T/S and 114, or expanding into the gravel bank to the north.
 - g. It was suggested that separating conclusions and recommendations into two separate items would be a good idea, perhaps conclusions and suggestions.
- 6) Linda started a new discussion about her thought that perhaps we need to offer some type of incentive to the customers of the commercial haulers (2/3 of our trash) to recycle. Rod said perhaps the incentive should be offered not to the businesses and residents, but to the haulers themselves. Rod and Don both said they each talked to a business when they were during our survey of businesses that indicated they stopped recycling when they found that (at one time) the company picking up their recyclables wasn't actually recycling it. We know that some businesses say they won't recycle if it will cost them money. John suggested that if we had single-stream recycling and allowed the commercial haulers to bring it to the T/S to dispose of it,

that might provide them with an incentive to support recycling, as the Town would pay the transportation fee. Linda suggested we might focus just on paper and cardboard, because we generate much more by weight of these items than we do of plastics, and we don't collect a lot of glass.

- 7) Linda raised the issue of composting as another area where the Town might facilitate more recycling, especially for the grocery stores and restaurants. Rod commented that everybody doesn't have to recycle everything, only those things they generate in volume
- 8) Linda said she was thinking we could facilitate partnerships, for example getting more people and businesses with compostable materials to take them (or have them taken) to Stonefalls Gardens. John said he thought the idea of partnerships and incentive programs was a good one, but that all we can really do in our report is suggest this is an idea that needs more thought and attention.
- 9) Bill pointed out that some people won't recycle no matter what the incentive, noting that college students tend to be particularly poor recyclers. He said one landlord told him that there was no way a recycling program for his mostly college student tenants would work.
- 10) Next meeting Thursday, 12/17/09 at 7:00 pm at the **Community Center. Note location change.** John said he would have the final draft of the report done before the meeting.
- 11) **Motion to adjourn was made by Rod Pimentel at 8:27 PM. It was seconded by Don Blanchard and carried unanimously.**

Submitted 12/09/09

By John V. Kjellman

Approved as submitted:

1/7/2009