

DRAFT

2015 Winneshiek County
Comprehensive Solid Waste
Management Plan Update
Winneshiek County, Iowa

Permit No. 96-SDP-1-74P

Prepared For:
Winneshiek County Area Solid Waste Agency
201 West Main Street
Decorah, Iowa 52101

Prepared By:
AECOM
501 Sycamore Street, Suite 222
P.O. Box 1497
Waterloo, Iowa 50704-1497

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INTRODUCTION

The Winneshiek County Solid Waste Agency (Agency) is submitting this Comprehensive Solid Waste Management Plan Update (Plan) in accordance with the requirements of the Iowa Department of Natural Resources (IDNR). Portions of the plan are included in the on-line information compiled as part of this submittal, and portions of the Plan are included as part of the following supporting information.

I. PLANNING AREA DESCRIPTION

BACKGROUND

In 1991, the Winneshiek County Solid Waste Agency (WCSWA) purchased the Winneshiek County Sanitary Landfill (Landfill) from Nishna Sanitary Service, Inc., (Nishna). The original "Comprehensive Solid Waste Plan, Part 1: Waste Management Alternatives for the Winneshiek County Landfill" (Comprehensive Plan) was prepared by Nishna prior to the WCSWA's purchase of the Landfill and approved by the Iowa Department of Natural Resources (IDNR).

ORIGINAL SERVICE AREA

The Service Area of the Landfill at the time Nishna filed the original Comprehensive Plan included four Iowa counties, two Minnesota counties and two Wisconsin communities. The Landfill was privately owned and operated; and to maintain some level of control, the WCSWA decided to purchase the site in 1991.

To facilitate planning and financing, Landfill participants were asked to commit to continued use of the site for waste disposal. The entities agreeing to use the Winneshiek County Landfill were:

- Clayton County
- Howard County
- Winneshiek County
- Postville (City)
- Fillmore County, Minnesota

Since the original agreement in 1991, minor modifications have been made in the Landfill Service Area. However, it has remained consistent since the last submittal of the updated Comprehensive Plan for Winneshiek County.

CURRENT SERVICE AREA

The currently approved planning area and service area for the Winneshiek County Sanitary Landfill (Permit No. 96-SDP-01-74) are defined as follows: all cities, excluding Strawberry Point, and the unincorporated area in Clayton County; all cities, excluding Chester, Elma and Riceville, and the unincorporated area in Howard County; all cities and the unincorporated area in Winneshiek County; the City of Postville and a two-mile radius in Allamakee County; and all cities and the unincorporated area in Fillmore County, Minnesota.

Since Comprehensive Plans are a requirement of the Iowa Department of Natural Resources, they have requested that the Minnesota wastes not be considered in the Plan. Fillmore County, Minnesota, is included solely for information and is not included in the Plan for waste diversion statistics.

LOCAL GOVERNMENTS

Each of the participating entities in the Winneshiek County Landfill service area has the responsibility for the disposal of solid waste for their jurisdiction. They have each entered into an Agreement with the Winneshiek County Solid Waste Agency which designates the Winneshiek County Landfill as the disposal site for the solid waste collected within their respective jurisdiction(s).

Clayton County solid waste is under the jurisdiction of the Clayton County Solid Waste Management Commission which was formed through a 28-E Intergovernmental Agreement in 1991.

Howard County solid waste is under the jurisdiction of the Howard County Board of Supervisors. Craig Fencil is the Solid Waste Administrator on staff in Howard County.

Winneshiek County solid waste is under the jurisdiction of the Winneshiek County Solid Waste Agency (WCSWA) which was formed by a 28-E Intergovernmental Agreement. Les Askelson is the current chairman of the WCSWA who is the permit holder for the Winneshiek County Landfill.

The city of Postville waste is under the jurisdiction of the City Council. Leigh Rekow is the current Mayor.

The Fillmore County Board of Commissioners is responsible for the solid waste in Fillmore County, Minnesota. Originally they operated a Material Recovery Facility and MSW Composting Facility; however, these operations have been abandoned, and Fillmore County now operates a Transfer Station. A portion of the wastes are brought to the Winneshiek County Landfill to fulfill their contractual agreement; however, the majority of the Fillmore County wastes are now taken to the Landfill in Lake Mills, Iowa.

PERMITTED FACILITIES

There are actually two permitted solid waste disposal projects in the service area; however, only one, the Winneshiek County Landfill, is addressed in this Comprehensive Plan.

The Fillmore County Resource Recovery Center and Transfer Station is permitted by the Minnesota Pollution Control Agency (MPCA) to serve Fillmore County and is outside the jurisdiction of this Comprehensive Plan.

The Winneshiek County Landfill is permitted by IDNR -- Permit No. 96-SDP-1-74P.

SOLID WASTES LANDFILLED

The waste at the Winneshiek County Landfill is comprised generally of MSW, with a mixture of residential, commercial, industrial, and construction and demolition wastes.

There have been no waste composition studies undertaken at the Landfill. For purposes of estimating the waste breakdown, the following factors have been accepted:

Residential	40%
Commercial	30%
Industrial.....	20%
Construction/Demolition.....	10%

BASELINE SOLID WASTE

The base year (1992) tonnage was projected from records in 1995. The basic premise of the projection of the base year tonnage was to identify elements of the waste stream that were effectively managed by the individual generators and add it to the waste stream disposed at the Landfill. This was then

considered the base year tonnage against which future Landfill tonnages would be compared for computing the reduction(s).

The original projected 1992 base year waste stream was accepted to be 39,117 tons. This served as the base year tonnage against which waste reduction and diversion programs were initially compared. When this projection was prepared in 1995, the base year tonnage included 8,800 tons of waste from Fillmore County, Minnesota. IDNR subsequently determined that out-of-state wastes were to be excluded from consideration in Comprehensive Plans, and the base year tonnage for the Winneshiek County Planning Area was reduced to 30,317 tons to reflect only Iowa-generated wastes. Since that time, it has served as the base year tonnage for establishing waste reduction.

The base year adjustment calculations for waste diversion will be performed by IDNR upon submittal of this report. It is anticipated that the Winneshiek County Service Area will surpass the 25 percent waste diversion goal.

There have not been any significant changes in the Iowa portions of the service area that would qualify as a "Permanent Major Change" since the last Comprehensive Plan submittal.

II. EVIDENCE OF COOPERATION

All of the participating jurisdictions have been encouraged to review the Comprehensive Plan Update and adopt the Plan by Resolution. Copies of the resolutions received are included in Appendix 1.

III. PUBLIC PARTICIPATION OPPORTUNITIES

Each of the participating jurisdictions is represented by a public body. Among them are one City council; Postville, two County Boards of Supervisors; Howard County, Iowa, and Fillmore County, Minnesota; and two 28-E Intergovernmental Agencies; Clayton and Winneshiek Counties. These organizations hold regular meetings that are open to the public, at which time solid waste issues may be addressed.

The lead agency in developing the Comprehensive Plan is the Winneshiek County Solid Waste Agency which meets monthly. Notices for each of the meetings are published in the Decorah Journal and the Ossian Bee. Meeting notices are also posted at the Winneshiek County Courthouse each month. Representatives of the public and other jurisdictions are invited and occasionally attend the WCSWA meetings. Various solid waste issues are openly discussed at these meetings, including Landfill operation and management, recycling, disposal rates, waste stream reduction, waste collection, grants, service area information, closure/post-closure care, etc.

Public input is solicited at each of the WCSWA meetings. This has resulted in a cordial relationship with many of the Landfill neighbors. Several projects undertaken at the Landfill -- the Ducks Unlimited Pond and the gas interceptor trench -- were initiated by public comments at a WCSWA meeting.

The Agency believes that there is ample opportunity for public input at the WCSWA meetings.

In addition to regular monthly meetings, the WCSWA holds two meetings annually where projected rates and other issues are discussed. The status of the Comprehensive Plan is discussed at each Rate and Review Meeting. These meetings are generally attended by representatives of each participating entity. The "Rate and Review" meetings address future activities associated with the Landfill and comprehensive planning activities and review financial reports for ongoing activities. The data presented at these

meetings are used to project Landfill tipping fees approximately 1 year in advance of enacting any changes.

The "Rate and Review" Committee also reviews and administers grant applications which are submitted for the WCSWA grant program. This grant program distributes retained tonnage fees to member entities for education activities on a per capita basis and also distributes grant monies based on applications received on a competitive basis. WCSWA grants have partially funded various activities and capital needs such as toxic clean-up days, recycling bins and other equipment, recycling and composting education efforts, conservation activities and other environmental programs.

The "Rate and Review" meetings are public meetings, although not heavily attended by the general public. It is, however, common that most of the entities are represented and often bring concerns and questions for discussion at these meetings.

The Agency held meetings on November 10 and December 8, 2015, specifically to discuss the Comprehensive Plan. The meetings were held at the Stone Hearth Restaurant in Decorah. They were well attended; and the Plan was presented and discussed by those in attendance. Lists of attendees and meeting summaries are included in Appendix 2.

IV. INTEGRATED SOLID WASTE MANAGEMENT

The WCSWA practices an integrated approach to solid waste management. The Agency provides for the ultimate disposal of waste from the service area at the Winneshiek County Sanitary Landfill. It is also a major supporter of waste reduction and recycling activities and promotes other waste reduction and recycling activities through its grant program.

Each of the elements of the Agency's integrated solid waste management program is briefly described in the following sections of this report.

LANDFILL

The Winneshiek County Sanitary Landfill (IDNR Permit #96-SDP-1-74P) was initially developed by Nishna Sanitary Services in 1974. The WCSWA purchased the Landfill from Nishna in 1991 and has been the permit holder for the facility since that time.

Numerous capital improvements have been made at the Landfill since the Agency assumed responsibility for the site. In 2001, Cell 5 - Phase 3 was constructed which completes the currently permitted portion of the Landfill. The currently permitted fill area consists of approximately 80 acres.

The Development and Operations Plan (D&O) for the Winneshiek County Sanitary Landfill was submitted as part of the Permit Renewal. The D&O Plan projects the remaining life of the Landfill will be approximately 13 years at current waste generation rates. The present Landfill has adequate remaining capacity to serve the disposal needs of the area into the foreseeable future.

In 2001, the Agency authorized an investigation of the Landfill by EPA under the Landfill Methane Outreach Program (LMOP). The findings of the LMOP study indicated that the potential use of methane from the Winneshiek County Landfill was minimal.

The operation of the Winneshiek County Landfill is in accordance with the Permit and existing D&O Plan. It is anticipated that the current Landfill will continue to serve the disposal needs of the service area into the future.

WASTE REDUCTION AND RECYCLING

Each of the participating jurisdictions and/or individual communities in the Planning Area is responsible for solid waste collection in their area. Most communities contract with private haulers for waste and recyclable(s) collection. Most of the jurisdictions actively participate and promote waste reduction and recycling activities. Details of the individual communities' programs are included in the on-line portion of the Comprehensive Plan:

In 2007, Winneshiek County began having HHW clean-up events two times per year. Howard County has continued their practice of having one per year. Clayton County has yet to hold an event, but they do intend on budgeting for one to be held sometime in FY 2010-2011.

No changes have occurred in the yard waste disposal area. Many comments have been received about the need for a concise written description of what the rules are for this. This issue has been discussed in relation to the proposed "burn ban" which has been considered in the Legislature.

In early 2009, the non-profit organization that operated the recycling programs in Howard and Winneshiek Counties (Spectrum Recycling) decided to exit the recycling business. The Howard County recycling facility in Cresco is now operated by Hawkeye Recycling, a division of Hawkeye Sanitation. The Howard County facility also processes a large amount of the recyclable materials that originate in Clayton County. Winneshiek County now operates their recycling program. Terry Buenzow, who was formerly with Spectrum, is the Winneshiek County Recycling Director.

The recycling facility in Cresco processes approximately 1,400 tons of material each year from the two counties it serves. The recycling facility in Decorah processes approximately 2,500 tons per year.

Curbside is the primary method of recycling collection in Howard and Clayton Counties, although they do have some areas with central collection bins. Direct drop-off at the recycling facility in Cresco is also used. The primary method for Winneshiek County is through central collection bins in the various municipalities. Curbside service through private haulers is also available for purchase. Direct delivery to the Winneshiek County Recycling Center has increased significantly in the past year.

The Winneshiek County Recycling Department provides waste reduction education and advice to all of the areas served by the Winneshiek County Area Solid Waste Agency. Presentations are offered to any organization, church or school that wishes to have one. There is no charge for this service. The various newspapers and radio stations in the area have also provided a large amount of coverage of waste reduction news.

YARD WASTE COMPOSTING

Since waste collection and yard waste management remain the responsibility of the individual communities, the WCSWA role in improving yard waste management will be in promoting the Plan. Implementation of the improvements and/or development of additional yard waste facilities will remain the responsibility of the individual communities.

Most of the communities in the service area do not report any significant problems or complaints with their current programs. The Commission will also be instrumental in providing information to the communities to assure that they are aware of the appropriate burning rules to keep their programs in compliance.

It is felt that the generally rural nature of the service area will provide some alternatives for land application of yard waste and use of composted materials. The Commission will try to identify potentially willing sites for such facilities and/or end uses.

WCSWA GRANTS

The WCSWA established a grant program for the Service Area for distribution of the retained portion of the tonnage fees collected at the Landfill.

Forty percent (40%) of the retained fees are distributed to the participating jurisdictions on a per capita basis for educational purposes. The educational grants are awarded to each participating entity upon receipt of an application for such funds.

The remaining sixty percent (60%) of the retained fees are distributed among participating entities on a competitive grant basis. The Rate and Review Committee reviews the grant applications and makes recommendations to the WCSWA, who actually approves the awards.

Competitive grants have been made for toxic clean-up days, recycling bins and other equipment, school programs to expand educational efforts, and various other waste management-related activities.

The grant program appears to be well received in the service area. Additional promotion of the program may be a future consideration; however, the requests currently outweigh the available funds on an annual basis and additional promotion has not been necessary.

The grant program is also valuable since it is coordinated through the Rate and Review Committee. This process enables the representatives from each of the entities in the service area to review grant applications and hear about what activities are going on in other areas.

The Commission is proposing to maintain the current grant program in the future under the same general guidelines. It is believed that it has had a positive impact on waste management activities and will continue to do so in the future.

EDUCATION

In addition to serving as the primary recycler in the area, Winneshiek County Recycling also provides a major part of the education program. Terry Buenzow, the Solid Waste Educator, is an employee of Winneshiek County Recycling in Decorah and is also a Certified Landfill Operator. Terry has coordinated various tours, talks, promotions, radio shows and special projects to advance waste reduction and recycling in the Winneshiek County service area.

Terry's role as Solid Waste Educator is important to the long-range success of the integrated solid waste management program.

One of the major sources of education regarding waste management is the waste haulers. Hawkeye Sanitation and WMI make significant contributions to the success of the existing programs in the service area. They promote the availability of waste collection and recycling services to commercial/industrial accounts as well as residents in their respective areas.

The Commission understands the importance of promoting waste management and supporting environmental education. The grant program includes a specific component supporting education which is distributed to all member cities on the basis of population. The competitive grant program may also be used for educational purposes. It has, in the past, supported recycling activities at schools and conservation corps activities. The Commission intends to continue the grant program and will continue to support educational programs which support environmentally sound waste management practices.

EVALUATION OF ALTERNATIVES

The waste management hierarchy identifies several alternatives to be considered for waste management:

- 1) Volume Reduction at the Source
- 2) Recycling, Composting and Re-Use
- 3) Combustion, Landfilling and Other Approved Techniques

The current waste management system in-place in the Winneshiek County service area includes elements from each of the steps in the hierarchy.

Each of the communities in the service area has a program in-place for waste collection and recycling.

Postville, Elkader, Farmersburg and Garnavillo have unit-based pricing and are the only communities to implement a variable rate system in the service area.

Recycling programs vary from mandatory curbside programs to voluntary drop-off programs. Each community appears to be comfortable with their individual system, and none of the communities indicated any intention to change.

Winneshiek County has a voluntary drop-off program and intends to maintain and expand it. Decorah had considered shifting to a curbside recycling program; however, they have tabled that consideration in favor of continuing and expanding the drop-off program with the intent to expand participation while maintaining reasonably consistent recycling costs.

Howard County, Clayton County and Postville have curbside collection programs that are controlled and operated by the haulers. The expansion of these programs will be more in materials to be recycled than in the population served.

All of the entities in the service area intend to continue to expand waste reduction efforts when it can be done efficiently.

Yard waste management practices in the service area are not currently reported to be particular problem areas by any of the communities. It is not clear, however, that all of the facilities are operated in complete compliance with current rules. The Commission will continue in a coordinating role to advise member cities of the rules and promote improvements in yard waste management in the service area as part of the Implementation Plan.

Major changes in solid waste management are not anticipated in the Winneshiek County area in the foreseeable future. The existing programs appear to be having the intended effect as evidenced by the successful reduction in the waste stream. Educational efforts and recycling will continue to be promoted and expanded and the Landfill will continue to serve the ultimate disposal needs.

The location of the Winneshiek County service area makes it susceptible to leakage to Minnesota and/or Wisconsin disposal facilities. The Commission is cognizant of the importance of maintaining competitive tipping fees at the Landfill. All waste management issues which could significantly impact the Landfill waste stream must factor in the impact on the tipping fee to assure continued efficient operation of the Landfill.

EVALUATION AND ANALYSIS OF PAST COMPREHENSIVE PLANNING

In 2009, members of the WCSWA and the general public met to discuss and finalize items to be considered for implementation in the Solid Waste Comprehensive Plan. Fourteen (14) items were approved at that time, with the first six designated as priority items. Their status was presented at the 2014 Comprehensive Plan meeting as follows:

1. Look at options for household hazardous waste. **Status:** Winneshiek and Howard Counties entered into agreements with the F-M-C Landfill to hold clean-up events. Clayton is looking into their options at this time.
2. Develop disposal options for households with fluorescent bulbs and ballasts. **Status:** The HHW clean-up events take these items.
3. Find additional materials and methods for alternative daily cover. **Status:** Auto shredder fluff is now used to nearly the maximum allowable amount.
4. Find new sources of clay. **Status:** The search continues.
5. Maintain the beneficial use of residential glass from the recycling centers. **Status:** The present use of glass as a leachate media is almost done. The recycling centers have restricted glass now to direct delivery of clear, non-redeemable food container glass only. This has cut the glass intake by well over 90 percent and transferred the redeemable containers back to the redemption system where it belonged in the first place. A permit amendment to use the little remaining glass as alternative daily cover is needed.
6. Have waste disposal and recycling information available on-line. **Status:** This is being worked on at this time and should be done by the end of 2009. Winneshiek County Recycling also has a Facebook interactive page that is being formally introduced to the public in mid-September.
7. Explore alternative uses for construction and demolition materials that are currently landfilled. **Status:** Haulers increasingly look for alternatives to avoid tipping fees. The Decorah East Side School demolition resulted in very little Landfill usage.
8. Consider methods to expand yard waste disposal options for rural residents. **Status:** No action taken. Yard waste disposal rules are not widely known by all municipalities and individuals.
9. Examine Landfill alternatives for food waste. **Status:** This is not a common subject, but it is obvious that household composting has increased. Luther College is also resurrecting its composting program.
10. Revisit the Landfill gas/methane energy possibilities. **Status:** This is discussed often. The Landfill is not large enough to make this financially practical.
11. Improve flow control. **Status:** This is an ongoing effort but it has practical limitations.
12. Reconsider building a bio-reactor cell. **Status:** This was reconsidered but is cost prohibitive with a Landfill of this size.
13. Review the types of materials that the Landfill does not currently accept and/or ban. **Status:** This is a constant subject of consideration. Waste reduction needs have changed significantly and make this a subject of perpetual consideration.
14. Explore new ways to create incentives to recycle. **Status:** This is a never-ending effort. Tipping fees and recycling hauling methods and costs have added new issues to this subject.

V. WINNESHIEK COUNTY INTEGRATED SOLID WASTE MANAGEMENT SYSTEM IMPLEMENTATION PLAN

Based on input received at the Comprehensive Planning meetings held in anticipation of the 2015 Comprehensive Plan Update, the following implementation planning steps were identified. Many of these items will be ongoing and require continuing efforts to implement; however, they are shown in association with the dates that the items will be initiated.

1. Create a permanent drop-off site/satellite facility for Household Hazardous Waste.
2. Improve online waste disposal and recycling information content and availability.
3. Maintain and further develop the necessary partnerships to enter and annually evaluate the Environmental Management System.
4. Encourage reduction of organic matter deposited in the landfill.
5. Explore ways to enhance the convenience of appliance and electronics disposal.
6. Examine all options for future waste disposal.
7. Complete a thorough energy audit of the landfill.
8. Collaborate on the methane gas study initiated by Luther College.
9. Enhance and expand educational opportunities in local communities, public schools and in collaboration with Northeast Iowa Community College and Luther College.

APPENDIX 1

RESOLUTIONS

RESOLUTION NO. _____

WHEREAS, Section 455B.302 of the Code of Iowa requires every city and county of this state to provide for the establishment and operation of a comprehensive solid waste reduction program consistent with the waste management hierarchy under Section 455B.301A, and a sanitary disposal project for final disposal of solid waste by its residents; and

WHEREAS, Section 455B.306(1) of the Code of Iowa requires that all cities and counties file with the director of the Department of Natural Resources a comprehensive plan detailing the method by which the city or county will comply with the requirements of Section 455B.302 to establish and implement a comprehensive solid waste reduction program for its residents; and

WHEREAS, a comprehensive plan, as described in Section 455B.306 of the Code of Iowa has been prepared at the direction of and in participation with the Winneshiek County Solid Waste Agency, entitled 2015 Winneshiek County Comprehensive Solid Waste Management Plan Update, by AECOM; and

WHEREAS, the City Council/County Board has determined that the adoption and implementation of the proposed comprehensive plan is in the best interest of the City/County with respect to satisfying the City/County's statutory duties.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE CITY COUNCIL/COUNTY BOARD OF SUPERVISORS OF _____ that the proposed comprehensive plan is hereby adopted as the comprehensive solid waste reduction plan of the City/County.

AND BE IT FURTHER RESOLVED that the City/County shall implement and participate in the programs set forth in the comprehensive plan.

AND BE IT FURTHER RESOLVED that the comprehensive plan shall be submitted to the Iowa Department of Natural Resources, on behalf of the Winneshiek County Solid Waste Agency in satisfaction of Section 455B.306(1) of the Code of Iowa.

ADOPTED:

Date

Signature

APPENDIX 2

**MINUTES OF TWO AGENCY MEETINGS HELD
NOVEMBER 10, 2015, AND DECEMBER 8, 2015**

WCASWA November 10, 2014

Call to Order & Determination of Quorum:

The Winneshiek County Area Solid Waste Agency meeting was called to order by Chairperson Dave Pahlas at 7:00 p.m. on Monday November 10, 2014 in the lower level of T-Bock's in Decorah. This site was used to accommodate a public hearing for the Comprehensive Plan discussion. Voting members present were Floyd Ashbacher, Don DiLaura, Keith Frana, Mark Kuhn, John Logsdon, Ron Ludeking, Dean Thompson, and Dennis Wilkins. A quorum was determined by the chairperson. Also present were AECOM engineer Chris Oelkers, Counsel Barrett Gipp, Winneshiek County Recycling manager Terry Buenzow, landfill assistant manager T.J. Schissel, and landfill manager Dave Hageman.

Approval of Minutes & Agenda:

Moved by Logsdon, seconded by Ludeking, to approve the meeting minutes of 8/12/14. All voting approved.

Moved by Logsdon, seconded by Ludeking, to approve the agenda of 11/10/14 with no additional items. All voting approved.

Introduction of Guests:

Bob Sersland present

Report from Secretary-Treasurer:

8/31/14 Checking Balance: \$198,787.77
8/31/14 Checking Interest: \$8.32
8/31/14 Certificates of Deposit (Operating): \$2,350,000.00
8/31/14 Certificates of Deposit (Closure-Post Closure): \$6,895,212.40
8/31/14 Total Investments: \$9,245,212.40

9/30/14 Checking Balance: \$295,884.46
9/30/14 Checking Interest: \$8.32
9/30/14 Certificates of Deposit (Operating): \$2,350,000.00
9/30/14 Certificates of Deposit (Closure-Post Closure): \$6,895,212.40
9/30/14 Total Investments: \$9,245,212.40

10/31/14 Checking Balance: \$363,471.12
10/31/14 Checking Interest: \$14.82
10/31/14 Certificates of Deposit (Operating): \$2,350,000.00
10/31/14 Certificates of Deposit (Closure-Post Closure): \$7,369,221.44
10/31/14 Total Investments: \$9,719,221.44

Public Comment:

There were no public comments.

Approve Claims Paid:

Moved by Logsdon, seconded by Wilkins, to approve the August 2014 claims of \$62,595.66, the September 2014 claims of \$64,806.96 and the October 2014 claims of \$2,630,859.22 as paid. All voting approved.

Committee Reports:

Landfill Manager's Report

1. On September 11 there was a meeting with Ziegler CAT about the 963D.
2. Four classes from Decorah High School toured the landfill on September 16 and 17.
3. On September 25 Shawver Well worked on the Cell 5 leachate pump
4. Shawver removed the Cell 5 leachate pump on September 29.
5. On October 6 Shawver installed a new Cell 5 leachate pump.
6. Hacker-Nelson started their annual audit on October 7.
7. On October 7 Mracek replaced the sewer line form the office.
8. The 140G grader was loaned to the road department on October 13.
9. On October 14 there was a meeting about the leachate drop site.
10. Students from NICC Cresco toured the landfill on October 17.
11. On October 28 and 30 Luther students toured the landfill.
12. Operational CDS were redeemed and reinvested on October 30.
13. Chris Oelkers with AECOM and Matt Phoenix from the DNR toured the landfill on October 31.
14. AECOM was at the landfill testing monitoring wells November 3 and 7.
15. Total precipitation since August 12 was 5.2 inches of rain.

Engineer's Report

1. Reviewed leachate production and cell capping.
2. Discussed moving monitoring well #5-2.

Other Business:

1. Item 6.4-Approve Hacker-Nelson Agreements. Moved by Thompson, seconded by DiLaura to approve the annual agreements with Hacker-Nelson for annual audit and sales tax work. All voting approved.

2. Item 6.5-Update On Industrial Park Leachate Drop Site. Dave Hageman gave an update on construction plans for a leachate drop site in the Decorah Industrial Park.

Comprehensive Plan Public Hearing:

Moved by DiLaura, seconded by Kuhn to open the Comprehensive Plan Public Hearing at 7:32 pm. All voting approved.

Terry Buenzow gave an update on the status of the current Comprehensive Plan. Following the discussion and review of the current plan, ideas for a new one to take effect on March 1, 2015 were solicited from those in attendance. A condensed list of ideas presented for consideration for approval at the December 2014 WCASWA meeting are as follows:

1. Create a permanent drop off site for Household Hazardous Waste.
2. Significantly improve the online waste disposal and recycling information.
3. Continue developing and enhancing the necessary partnerships required if we choose to enter the Environmental Management System in the future.
4. Encourage the reduction in organic matter deposited in the landfill.
5. Explore ways to improve the convenience of appliance and electronics disposal.
6. Continue to examine all options for future waste disposal.
7. Have a complete energy audit done of the landfill and recycling plant.
8. Continue to work with Luther College on studying the feasibility of using methane gas for energy.
9. Enhance the educational ties all of the public schools and colleges in the planning area.

Moved by Kuhn seconded by Ludeking, to close the public hearing at 8:04 p.m.

Establish Time & Date of Next Meeting:

The next regular meeting of the WCASWA will be held at 7:00 p.m. on Monday, December 8, 2014 in the large courtroom at the Winneshiek County Courthouse.

Adjournment:

Moved by Thompson, seconded by Logsdon, to adjourn at 8:08 p.m. All voting approved.

Leon Kipp, Secretary

WCASWA December 8, 2014

Call to Order & Determination of Quorum:

The Winneshiek County Area Solid Waste Agency meeting was called to order by Chairperson Dave Pahlas at 7:00 p.m. on Monday December 8, 2014 in the large courtroom at the Winneshiek County Courthouse. Voting members present were Floyd Ashbacher, Don DiLaura, Leon Kipp, Dennis Kleve, Mark Kuhn, John Logsdon, Dean Thompson, and Dennis Wilkins. A quorum was determined by the chairperson. Also present were AECOM engineer Chris Oelkers, Counsel Barrett Gipp, Winneshiek County Recycling manager Terry Buenzow, landfill assistant manager T.J. Schissel, and landfill manager Dave Hageman.

Approval of Minutes & Agenda:

Moved by Logsdon, seconded by Wilkins, to approve the meeting minutes of 11/10/14. All voting approved.

Moved by Logsdon, seconded by Wilkins, to approve the agenda of 12/8/14 with no additional items. All voting approved.

Introduction of Guests:

None were present

Report from Secretary-Treasurer:

11/30/14 Checking Balance: \$392,916.48

11/30/14 Checking Interest: \$17.11

11/30/14 Certificates of Deposit (Operating): \$2,350,000.00

11/30/14 Certificates of Deposit (Closure-Post Closure): \$7,369,221.44

11/30/14 Total Investments: \$9,719,221.44

Public Comment:

There were no public comments.

Approve Claims Paid:

Moved by Thompson, seconded by DiLaura, to approve the November 2015 claims of \$68,830.95 as paid. All voting approved.

Committee Reports:

Landfill Manager's Report

1. On November 12 leachate hauling began.
2. First gear in the Volvo off road truck stopped working on November 14
3. On November 19 LaCrosse Scale calibrated the scale.
4. AECOM did well testing on November 20
5. On November 24 Shawver Well removed the Cell 1, 2, 3 leachate pump for the season.
6. Ness Pumping flushed out the Cell 5 load out tank on December 4.
7. Total precipitation since November 10 was three inches of snow.

Engineer's Report

1. Reviewed DNR requirements for cell capping.

Other Business:

1. Item 6.4-Approve Comprehensive Plan. On November 10, 2014 a public hearing was held to solicit ideas for criteria for a new Comprehensive Plan to take effect on March 1, 2015. Nine criteria were recommended:
 1. Create a permanent drop off site/satellite facility for Household Hazardous Waste.
 2. Improve online waste disposal and recycling information content and availability.
 3. Maintain and further develop the necessary partnerships to enter and annually evaluate applying for entry into the Environmental Management System.
 4. Encourage the reduction in organic matter deposited in the landfill.
 5. Explore ways to improve the convenience of appliance and electronics disposal.
 6. Examine all options for future waste disposal.
 7. Have a complete energy audit done of the landfill and recycling plant.
 8. Enhance and expand educational opportunities in local communities, public schools, and in collaboration with Northeast Iowa Community College and Luther College.
 9. Collaborate on the methane gas study initiated by Luther College.

Moved by Thompson, seconded by Kuhn, to approve the new Comprehensive Plan criteria as written and have AECOM submit it to the DNR for approval. All voting approved.

2. Item 6.5-CD Investment. Moved by Thompson, seconded by DiLaura, to take \$400,000.00 from checking and purchase an operating CD at the highest possible rate for up to 36 months. All voting approved.
3. Item 6.6-Volvo Truck Repair. Moved by DiLaura, seconded by Kipp, to have Brown's Heavy Equipment in Ames repair the transmission in the Volvo off road truck. All voting approved.

Establish Time & Date of Next Meeting:

The semi-annual Rate & Review meeting will be held at 4:00 p.m. on Monday, January 12, 2015 in the Supervisor's Office at the Winneshiek County Courthouse.

The next regular meeting of the WCASWA will be held at 7:00 p.m. on Monday, January 12, 2015 in the large courtroom at the Winneshiek County Courthouse.

Adjournment:

Moved by Logsdon, seconded by DiLaura, to adjourn at 7:39 p.m. All voting approved.

Leon Kipp, Secretary