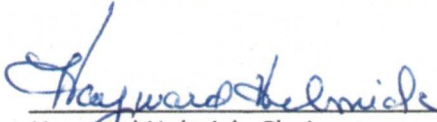


**Monongalia County Solid Waste Authority
Comprehensive Litter and Solid Waste Control Plan
2021**

The Monongalia County Solid Waste Authority's Comprehensive Litter and Solid Waste Control Plan was prepared by the Monongalia County Solid Waste Authority Board of Directors with assistance from the WV Solid Waste Management Board.



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10/26/21

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Appendix A Open Dump Reclamation

List of remediated sites in Monongalia County

Appendix B Maps

Map 1 Monongalia County hauler service area

Appendix C Public Notice, Hearing and Public Participation

First public hearing Class 1 legal ad notice

Minutes from first public hearing

Second public hearing Class 1 legal ad notice

Minutes from second public hearing

Executive Summary

Solid Waste Authorities (SWAs) were created in 1989 under the assumption that local entities could manage solid waste disposal to more effectively meet the needs of local populations than a single top-down approach. Directives given were to reduce landfill volumes by 50% and that the hierarchy of action was to be based on the popular mantra of Reduce, Reuse, and Recycle before landfilling waste.

The reasoning behind landfill reduction is based on cost of building new landfills, and the cost of maintaining closed landfills. However, in recent years, greenhouse gas emissions (GHG) have emerged as a major concern. The amount of GHG emissions from landfills amount to approximately one metric ton of GHG per ton of municipal solid waste.

As discussed in the Performance Evaluation & Research Division (PERD) 2020 Office of the Legislative Auditor's report, over the elapsed 31 years, landfill usage has actually increased on a per person basis.

The Monongalia County Solid Waste Authority believes lack of funding plays at least a small role in this failure. At the current funding level, SWAs cannot operate special collections of materials such as household hazardous wastes that should not be sent to the landfill as well as other programs. While the members of the SWAs are not paid, they are dedicated to bettering their communities, but without funding, they are unable to do the research necessary to look beyond the current local situation or attend conferences outside the state. In state-only conferences mean we are talking only with our neighbors and not seeing what practices and technologies are being developed nationally or globally.

A second problem is that the given hierarchy of action is simply inadequate to make substantial inroads on the problems associated with landfills. The first two; reduce and reuse have never had a consequential or sustained effect primarily because of the inconvenience imposed upon waste generators. Recycling programs have the same problem but have had more success in reducing landfill usage and reducing GHG emissions from the landfill but have never risen much above 5%¹ of total municipal waste. A 5% recycling rate implies that less than 20% of the public is significantly involved. All current recycling in the county, including WVU, is now single stream at a direct or indirect cost exceeding \$100/ton. Even with a 22% recycling rate described in the 2017 Environmental Protection Agency (EPA) study, landfill usage would only drop 22% and GHG landfill emissions would drop by about 23%. This is not to say recycling is not useful as there are additional benefits to recycling. But recycling alone will not solve the environmental problems associated with landfills. Similarly, the 13% composting rate described in the same study would reduce landfill usage by 13% and GHG emissions by 20%. If those recycling and

¹ Derived by the amount of Mountaineer Transfer Station 2019 yearly recycling data divided by 4.51 lbs./day per person MSW over 365 days.

composting rates could be attained, the combined effect would be a landfill reduction of 35% and emissions reduced by 43%.

These numbers pale when compared to resource recovery technologies such as the Class B mixed waste processing Entsorga facility in Martinsburg West Virginia. Berkeley County SWA operates a public recycling program with the remaining waste going to the Resource Recovery facility. Non-combustible materials are removed with all metals recycled. The remaining material, including all unrecycled plastic and paper, goes through a BioHiTech accelerated decomposition process, converted into a dry Solid Recovered Fuel (SRF), which is then used to displace coal in a local cement plant. The result is that landfill usage is reduced by 75-80% and landfill GHG emissions are reduced by 95% or more.

The Monongalia County Solid Waste Authority performed the study that produced the GHG emission reductions cited above and will seek funding to continue to study advancements in technologies that promise to reduce landfill usage and reduce the environmental problems associated with the waste stream. These technologies will be evaluated on four criteria:

- A. Minimize environmental impact,
- B. Minimize landfill usage,
- C. Minimize cost,
- D. Maximize convenience to our residents and businesses.

Based on this study, the Monongalia County Solid Waste Authority will actively promote the development of a resource recovery facility in our community through public education and working with waste haulers.

Revisions Statement

Monongalia County Solid Waste Authority has a commitment to all county residents to educate them about disposing of their solid waste to protect public and environmental health, safety, and welfare.

This revised plan is expected to be used as a tool to guide proper solid waste and litter disposal for Monongalia County over the next twenty years, 2021 -2041. It has been updated in accordance with the W.Va. Code §22C-4-8.

Copies of this updated plan are available for view at the Region 6 Planning and Development Council's district office in Whitehall, WV, the Monongalia County Clerk's office, every county public library and its branches, the Monongalia County Solid Waste Authority's website, and the office of the Monongalia County Solid Waste Authority.

Introduction

I. Purpose and Scope

The scope of this revised comprehensive solid waste and litter control plan concerns Monongalia County, West Virginia, for the next twenty years; however, as part of Wasteshed B, Monongalia County is considered part of a larger whole.

Monongalia County's Solid Waste Authority is committed to its citizens properly disposing of their waste and litter. The purpose of this updated plan is to re-evaluate the present status of solid waste, litter, and recycling in Monongalia County, and attempt to implement the goals and objectives in the most cost effective and environmentally sound methods possible.

Protection of public and environmental health, safety, and welfare will be afforded through the cooperative efforts of this solid waste authority, local haulers, recyclers, and citizens. It is locally that a difference can be made globally; requisite is a revitalization of efforts and actions from anyone affected by solid waste and litter disposal - and that is everyone.

Additionally, the Monongalia County Solid Waste Authority has found that the best method of waste disposal is through resource recovery and recycling.

II. Background

Since the submission of the previous Monongalia County Comprehensive Litter and Solid Waste Control Plan there have been many changes. As the Morgantown metro area continues to expand in population and distance to center of county, the need for responsible planning is increased. This expected economic activity warrants the focus on proper disposal of solid waste.

Since the last update, technological advances have made a resource recovery facility viable which can reduce landfill usage by 75-80% and reduce greenhouse gas emissions from the landfill by 95%. Bringing a resource recovery facility to Monongalia will be a major focus of the Solid Waste Authority for the next few years. This technology is not incompatible with recycling so current programs will be continued and supported.

A. Solid Waste Collection and Disposal

There are five authorized private sector haulers and two municipal haulers, Chissy's Recycling & Solid Waste, D & J Sanitation, Main Sanitation, Mountain State Waste, Republic Services, City of Westover, and Town of Star City in Monongalia County with Republic Services serving the majority of the residents. Republic Services is contracted with the City of Morgantown and partially with West Virginia University (WVU) to provide solid waste management services. Mountain State Waste began providing some services to WVU in 2018.

We continue to work with the haulers, WV Department of Environmental Protection (DEP), and WV Public Service Commission to improve the quality of services to the residents of

Monongalia County. There is continuing need to make sure that all residents of the county are disposing of their solid waste and litter in a responsible manner.

The county landfill was opened in 1988 and came up for a five-year extension in 1993. The in-county landfill was closed in 1993 due to violating the siting plan regulations since the landfill was located on top of an existing deep mine. Much of Monongalia County has been either deep or surfaced mined.

With no landfill being directly available, Republic Services opened a transfer station in the Morgantown Industrial Park. Commercial customers, haulers, and residents can use the transfer station at a per ton cost. This is the only local option for disposing of solid waste in Monongalia County. Three landfills within driving distance accept commercial and residential waste. Meadowfill and S & S Grading owned by Waste Management are located within an hour from Morgantown in Clarksburg, WV and Short Creek is located in Ohio County just north of Wheeling, WV. All three (3) are a drive and inconvenient for Monongalia County residents.

The Monongalia County Solid Waste Authority works with other state agencies to provide special events for items not suitable for recycling or conventional disposal. Programs that currently exist are e-cycling, tire amnesty, white goods, and household hazardous waste. These programs help to build and enhance our community by safely and professionally managing the waste stream.

B. Litter Control - Pollution Prevention Open Dump Program (PPOD)

Since the original Comprehensive Solid Waste and Litter Control Plan was implemented in Monongalia County, there has been much progress made on the clean-up of illegal dumps. The Monongalia County Solid Waste Authority in conjunction with the Monongalia County Litter Control Officer and the WV Department of Environmental Protection-PPOD are working to continue to locate active dump sites and to remediate them.

A complete discussion on open dump cleanup can be found on page 16.

Monongalia County Commission provides a full-time paid Litter Control Officer and Roadside Litter Crew which aid in reducing small open dumps and litter in our county.

C. Source Reduction, Reuse, Recycling, and Resource Recovery

The Entsorga facility in Martinsburg receives all MSW after the local recycling program. Of this material, all metals are removed and recycled. Approximately 45% of the remaining material is converted into fuel. This fuel is a form of reusing as it is put to an alternate use and energy is extracted. In order to gain support for such a resource recovery facility in Monongalia County, the public and the haulers will have to be educated on its benefits as well as the fact that recycling still enhances the overall environmental benefits. Unusable material for the resource recovery facility is primarily inert materials which have little effect in the landfill.

All recycling programs are voluntary, and no incentives are given for participation. Republic Services operates the largest collection system in Monongalia County. They gather recycling from the City of Morgantown. The recycling commodities hauled from this program is taken to the Mountaineer Transfer Station and then to the Material Recovery Facility (MRF) in Connellsville, PA. Republic Services and Chissy's Recycling and Solid Waste are the only haulers who offer some type of recycling service to a portion of their customers in Monongalia County.

As part of the public education campaign goal of recycling in this county, the solid waste authority promotes proper recycling practices.

Goals and Objectives

This comprehensive plan was written and updated by state law to function as a tool to assess the waste stream of Monongalia County and provide for the organized planning and accomplishment of the objectives and goals set forth below.

The Monongalia County Solid Waste Authority will continue to work and support:

- The siting of a resource recovery facility in the area.
- Studies of advanced waste disposal and resource recovery technologies.
- Study of recycling and composting systems and support initiatives that will enhance a total resource recovery program.
- Propose and support legislation to advance local solid waste authorities' mission and complete Solid Waste Authorities' goals and objectives.
- Mandatory legal waste collection and disposal systems.
- Ways to develop a low-cost, optional drop-off collection program to help reduce cost to low-income residents.
- Will work collaboratively with the Monongalia County Commission Litter Control Officer to improve the litter control and open dumps programs.
- Local and state agencies to seek funding for special collection programs: Household Hazardous Waste, Tires, Electronics, and White Goods to prevent those materials from being landfilled.

- Local organizations to promote various programs to help clean up the environment.
- To find funding as necessary to continue to provide educational materials to the public through a calendar, a website, social media, and other means on how to dispose of waste properly, how to recycle properly, and how to properly dispose of “hard to dispose of items”.
- Reduce and reuse programs that can have significant environmental and landfill impact, can be sustainable, and can be cost effective.

Funding Strategy

The Monongalia County Solid Waste Authority (MCSWA) will secure its funding from the following sources:

1. West Virginia Solid Waste Management Board assessment fee. This funding will be used primarily for administrative purposes (office supplies, travel expenses, brochures, salary for personnel, etc.) and special projects, as finances permit
2. Solid Waste Management Board Grants
3. Department of Environmental Protection REAP Grants
4. Monongalia County Commission

Part I

Basic Information for Monongalia County

A. Geographic Description

Monongalia County is in the north-central part of West Virginia, included as part of Wasteshed B. It is bordered by Preston County to the east, by Marion and Taylor Counties to the west and south, by Wetzel County to the west, and by the state of Pennsylvania to the north.

Morgantown, the largest city in the county and the fourth in the state, is located 15 miles northeast of Fairmont, 110 miles northwest of Martinsburg, and 65 miles southeast of Weirton. Nearby metropolitan areas include Pittsburgh, PA, 73 miles to the north and Washington, D.C., 212 miles to the southeast. Morgantown is also the location of West Virginia University.

The eastern quarter of Monongalia County is part of the Eastern Allegheny Plateau and Mountains, major land resource area 127, with mountain ranges oriented in a northeast-southwest direction. A hydro-electric dam on the Pennsylvania-West Virginia border forms Lake Lynn. Streams have cut narrow valleys with small flood plains into the Allegheny Plateau. The rest of Monongalia County is part of the Central Allegheny Plateau, major land resource area 126.

Elevation in Monongalia County ranges from 2,526 feet above sea level near Sand Springs to 793 feet above sea level at normal pool elevation on the Monongahela River near the Pennsylvania state line.

The topography along the Monongahela River is smooth with rounded ridge tops and steep hillsides. Deckers Creek joins the river at Morgantown, flowing from Preston County. The western half of the county has narrow ridge tops, steep and very steep hillsides, and narrow valleys. The hillsides are marked with long, narrow benches. Monongalia County is drained by the Cheat and Monongahela Rivers, Deckers Creek, and Dunkard Creek. All major drainage flows north through the Monongahela River and its tributaries into the Ohio River. The Ohio, Monongahela, and Allegheny Rivers come together at Pittsburgh, PA.

The winters are cold and snowy at high elevations; in the valleys it is also frequently cold, but intermittent thaws preclude a long-lasting snow cover. Summers are fairly warm on mountain slopes and very warm to hot in the valleys. Rainfall is evenly distributed during the year, though appreciably heavier on the windward, west-facing slopes than the valleys. The normal annual precipitation is adequate for all crops and most rural areas are frequented with farms or coal mining operations.

Most of the exposed rock in Monongalia County is part of the Dunkard, Monongahela, Conemaugh, and Pottsville Groups and the Allegheny Formation. The exposed rock includes interbedded, limy, and acid, gray shale, siltstone, sandstone, coal, limestone, and a few thin

beds of limy, red shale. Most of the commercial coal is in the Monongahela Group. Acid sandstone and gray shale are the dominant rock type of the Allegheny Formation; acid, gray sandstone is the dominant type in the Pottsville Group. Mining of coal and exposure of these acid-producing rocks to water and oxygen accounts for much of the acid mine drainage that pollutes streams networking the county.

B. Demographic Description

I. The County

According to the 2010 Census of Population, Monongalia County had a total population of 96,189 people. This represents an increase of 14,323 people or an increase of 14.9% during the 2000's. That number is significant when compared with 8.4% increase in the previous decade. Two incorporated cities and three towns accounted for 35,587 people or 36.9% of the total population. Monongalia County consist of 368.82 square miles and a population density of 267.1 persons per square mile. The following breakdown by political jurisdiction of population reflects the 2010 Census numbers:

Political Jurisdiction	Population	Land Area (mi²)	Persons (mi²)
Monongalia County	96,189	386.82	267
Morgantown	28,827	10.17	2,917
Westover	3,983	1.3	3,064
Star City	1,825	0.5	3,650
Blacksville	171	0.3	570
Granville	781	0.4	1,953

II. West Virginia University (WVU)

The fall FY2019 enrollment on West Virginia University in Monongalia County was 27,461. Approximately 48% or 13,181 were WV residents. The majority of student population lives off campus. Summer session enrollment is about one third that of regular fall and spring semesters.

III. Projected Future Population

Over the next 20 years Monongalia County is expected to experience significant growth. Between the years of 2015 and 2035 the population of Monongalia County is projected to grow by 32% by the Bureau of business and Economic Research, College of Business and Economic, West Virginia University.

According to Workforce West Virginia, the top three employers in the county are West Virginia University (WVU), WVU Medicine and Monongalia County Board of Education. The leading industries by jobs are Health Care and Social Services, Retail, Accommodation and Foods Services, and Professional, Scientific and Technical Services. The current West Virginia Blue Book says the leading industries are agriculture, chemicals, coal, glass and glassware,

petroleum, and lumber. Recent data indicates chief agricultural products are hay production, beef cattle and sheep.

Projected Future Population

2020 – 2040

Monongalia County

	2020	2025	2030	2035	2040
Monongalia County	110,909	117,233	123,917	130,982	138,450

C. Transportation Routes

A network of federal and state highways, I-68, I-79, Routes 119, 19, 218, 100, and 7 are maintained for car, truck, and bus service to the county. Three rail companies serve the area: CSXT, Norfolk Southern (NS), and Conrail. The only air service in the county is serviced by Southern Airways Air Express at the Morgantown Municipal Airport. The bus services that are available in Monongalia County are: Mountain Line, Grey Line, I-Ride 79, an effort between WV Department of Transportation and Barons Bus, Inc., Greyhound, and the state bus. The Monongahela River is the main navigable channel through the county and is host to coal and raw material barge traffic.

Interstates 68 and 79 are the main hauling routes for solid waste out of the county. Republic Services' Mountaineer Transfer Station (MTS) is located at Morgantown Industrial Park in Westover, WV. The MTS is easily accessible year-round by haulers and private customers. Republic Services hauls this waste to Short Creek Landfill in Ohio County, WV via Interstate 79.

D. Disposal of Waste Generated Outside of the County

The Monongalia County Solid Waste Authority has no knowledge of disposal of out of county waste within the county except as noted in Mountaineer Transfer Station monthly and annual reports.

E. Identification of Out of County Waste

According to monthly tonnage reports, waste disposed of at Republic Services' Mountaineer Transfer Station, in Westover, WV, originated in the following county: Monongalia, Marion, Preston.

Facilities Generating More Than Five Tons of Solid Waste

The "major" industrial and commercial solid waste generators in the Monongalia County are identified below. Major is defined as generating over 5 tons of solid waste per month.

- Fairfax Mining
- Fort Martin Power Station

- Lowe's
- Mon Health Medical Center
- Monongalia County Board of Education
- Patton Building Services
- Walmart
- West Virginia Newspaper Publishing
- West Virginia University
- West Virginia University Health Sciences
- WVU Medicine

Part II

Collection and Disposal

A. Status of Solid Waste

Monongalia County lies within the largest state wasteshed of Monongalia, Braxton, Clay, Doddridge, Gilmer, Harrison, Lewis, Marion, Preston, Randolph, Taylor, Tucker, and Upshur Counties: these counties comprise Wasteshed B.

Currently, the waste generated in Monongalia County is hauled to either Short Creek Landfill in Ohio County, WV or Meadowfill Landfill in Harrison County, WV. There are five others out of state landfills that do accept out of state waste, located in Pennsylvania, within fifty miles of the county line. At this time, there is no landfill located in Monongalia County. Republic Services operates the only transfer station in the county to serve residents and haulers.

The following haulers provide waste disposal service for Monongalia County: Chissy's Recycling & Solid Waste, D & J Sanitation, Main Sanitation, Mountain State Waste, Republic Services, City of Westover, and Town of Star City. All residents have access to service.

Republic Services is the largest hauler in the county in terms of area covered. They serve approximately 16,700 residential customers and 8,900 commercial accounts in the cities of Morgantown and Westover. Republic Services reported collecting 48,103.97 tons of solid waste for 2020 with 34,988.89 being disposed of at the Mountaineer Transfer Station (MTS), 8,688.35 tons being disposed outside the county in WV and 2,146.53 tons being disposed of out-of-state. They collected 2,280.60 tons of recycling that was delivered to the MTS. They will accept any bulk items for a fee, except those that are hazardous waste or have free-flowing liquid contents and non-hazardous municipal solid waste, construction, and demolition debris. Republic Services provides curbside recycling pick-up service to City of Morgantown municipal residents.

Republic Services owns and operates the Mountaineer Transfer Station under the name Allied Waste. The transfer station does not offer a free day. The transfer station does not accept any industrial or medical waste. The daily average of removal of solid waste and recycling from the transfer station is 350 tons.

Mountain State Waste serves about 1,500 residential customers and 300 commercial customers to all areas of Monongalia County excluding residential services west of Blacksville and other areas that may be restricted by local municipalities. Mountain State Waste collects municipal solid waste (MSW), construction and demolition and some residual wastes. Approximately 13,250 tons of solid waste is collected annually. Approximately 2,500 tons of the collected solid waste is disposed of at the Mountaineer Transfer Station with approximately

10,750 tons being disposed of out-of-state. This company offers a roll off service and accepts all bulk items including construction/demolition waste.

Main Sanitation serves approximately 860 residential customers and 50 commercial accounts. They collect typical household waste in Morgan District (also known as District 12) and reported collecting 1099.47 tons of solid waste. Main Sanitation disposed 558.21 tons of solid waste to the Mountaineer Transfer Station and 541.26 tons outside of Monongalia County in WV.

Serving the other two large municipalities of Monongalia County are the City of Westover and Town of Star City solid waste collection entities. The City of Westover and Town of Star City haul its waste to the Mountaineer Transfer Station. The City of Westover has an estimated 2019 population of 4,173. Town of Star City has an estimated 2019 population of 1,948. The residential and commercial breakdown were not reported. Both municipalities offer recycling to their customers. In the past, the City of Westover took its recyclable material to the Monongalia County Community Recycling Center (MCCRC) to be recycled. The City of Westover transitioned to curbside single stream recycling and disposes of it at the Mountaineer Transfer Station.

The Monongalia County Commission provides a Recycle Collection Facility in Westover, WV. For the 2020 year, the Recycle Collection Facility collected 456.79 tons of recyclable material. Of the recyclables collected 374.80 tons were delivered to the Mountaineer Transfer Station and 81.99 was delivered outside of the county to Fairmont, WV.

West Virginia University is the largest source of solid waste generation in the county, creating 200-250 tons per month. WVU Facilities Staff collect municipal solid waste (MSW) and single stream recycling from most buildings on campus and deliver to the Mountaineer Transfer Station. High-volume buildings utilize compactor service from Mountain State Waste for both MSW and single stream recycling. WVU serves approximately 5,000 students living on campus plus about 5,800 faculty and staff. WVU reported collecting 3,223 tons of MSW for FY2019 and 2,545 tons for FY2020 (Fiscal Year (FY) runs from July 1 – June 30th). For recycling, WVU reported collecting 1,142 tons for FY2019 and 788 tons for FY2020.

The hospitals in the county, J. W. Ruby Memorial Hospital, now under WVU Medicine, and Mon Health Medical Center, contract independently to dispose of their solid waste. WVU Medicine system reported that their San-I-Pak produced 2,377.8 tons of waste, the Compactor (Auger) and roll off produced 326.6 tons of waste and their cardboard was 312.8 tons. Mon Health Medical Center did not respond to inquiry on the status and disposal of their waste.

Other commercial facilities and industries within the county generate less than 5 tons of waste per month are as follows: Morgantown Mall in Westover, Mountaineer Mall on the Greenbag Road, Mylan Pharmaceuticals, both Walmart and Sam's Club. There are six major grocery

stores within our county. It is assumed that they dispose of less than 5 tons of solid waste per month. They all have private contracts with haulers in our county.

Other large waste generators in Monongalia County are Fairfax Mining, Fort Martin Power Station, Patton Building Services, West Virginia University Health Sciences, and West Virginia Newspaper Publishing.

There is an active land application of sewage sludge program in this county. Hardly any, if at all, is landfilled, according to Morgantown Utility Board (MUB).

Recycling services will be discussed in more detail in Part IV, Recycling Plan on page 18.

B. Waste Characterization

The U.S. EPA conducted a 2017 solid waste characterization study titled Municipal Solid Waste (MSW) in the United States: Facts and Figures which found that the average American produces 4.51 lbs. per person per day of solid waste. That figure and the above-mentioned population projections.

Monongalia County Per Person Per Day Monthly Waste Projections: 2015 - 2035

	2015	2020	2025	2030	2035
Monongalia County	7,116	7,607	8,181	8,786	9,392

The study also found that the waste stream was composed of the following components: paper, and paperboard account for 25 percent and yard trimmings and food scraps account for another 35 percent, plastics comprise 13.2 percent; metals make up 9.4 percent; and textiles account for 9.7 percent. Glass follows at 4.2 percent. Other miscellaneous wastes make up approximately 3.5 percent of the MSW generated in 2017.

C. Progress

In Monongalia County, pick up collection service is available to all residents through both haulers of protected territories, and in some areas, through out-of-state contract haulers. Drop off collection is also available at the Mountaineer Transfer Station; but is inconvenient and not well known.

There is a need for more cooperation between the Monongalia County Solid Waste Authority and most haulers for comparing customer lists and taxpayer lists. Between the lack of ability to compare the lists, and the lack of Litter Control Officer’s enforcement, the MCSWA is constrained in its ability to demand every resident to demonstrate legal disposal of their waste. The Litter Control Officer is an employee of the Monongalia County Commission.

Disposal

Currently, about 95% of MSW originating in Monongalia County goes into a landfill, primarily the Short Creek Landfill in Ohio County. The remaining 5% is recycled. Other potential disposal methods include converting to fuel, composting, biologic conversion, and using separation technology to break down the waste stream into reusable components, including recycling.

Nationwide, considerable technological progress has been made in the ability to both separate the components of the waste stream and the ability to dispose of those materials in methods that are much more environmentally friendly than the landfill. One case is the BioHiTech Entsorga plant in Martinsburg West Virginia which does a partial separation and converts 75-80% of the waste stream to a dry solid recovered fuel. This process eliminates nearly all landfill greenhouse (GHG) emissions eliminating 75-80% of landfill usage. Advanced separation technologies using machine learning and robotics show promise of more complete separation for further improvement in landfill reductions and environmental impact. The Monongalia County Solid Waste Authority has developed and is continuing to develop GHG emission models for different combinations separation and disposal. We will continue to track these developments and make recommendations as separation and disposal technologies are advanced.

Monongalia County upholds WV State Code §22C-4-10.

D. Goals and Recommendations

Concerning collection and disposal of solid waste, the Monongalia County Solid Waste Authority asserts the following goals and strategies for attaining them:

1. Find ways to improve enforcement and compliance for mandatory solid waste collection and disposal.
2. Cost-effective collection and disposal of Municipal Solid Waste (MSW) in an environmentally sound fashion and continue to support the local collection and disposal operations in Monongalia County.
3. The MCSWA will continue to support the transfer station in the county.
4. The MCSWA will examine options and promote proper disposal of special wastes i.e., household hazardous waste, tires, and electronics.
5. The MCSWA will increase public awareness of household hazardous waste, tire amnesty, e-cycling events, etc. through public education programs, public service announcements, etc.

E. Mandatory Disposal

Collection and proper disposal of solid waste is available to all county residents. In accordance with WV Code §22C-4-10, the MCSWA is committed to ensuring that all county residents properly dispose of their waste through enforcement applicable laws. Each resident shall either subscribe to and use an approved solid waste collection service and pay its fees; or provide written proof that solid waste was disposed of at an approved waste facility in a lawful manner every thirty (30) days.

Part III

Litter Control and Open Dump Clean-up

A. Litter Control

The littering of roadsides is still a major problem, even with active Adopt-A-Highway crews. For the year 2019, Monongalia County had 12 active Adopt a Highway groups with a total of 124 members. These groups cleaned up 59 miles of highways and picked 428 bags of litter while working a total of 1,996 person/hours.

In addition to the assistance WV DEP Pollution Prevention and Open Dump Program (PPOD) and Adopt a Highway have provided for local volunteers, the WV DEPs Make It Shine program, from its inception through 2013, using 2,514 local volunteers, has cleaned up 104.8 tons of litter and in doing so cleaned up 12 miles of highways, 12 miles of streams, 90 acres of park land and 9 open dumps.

The County litter control program under the direction of the County Litter Control Officer has accomplished the following over the past five years:

Roadside Cleanup

Year	Tons of Solid Waste	Tires	Number of Miles
2016	50.45	278	585.7
2017	36.38	237	488.3
2018	29.63	382	346.4
2019	30.27	381	494.5
2020	25.30	348	394.8

B. Open Dumps

In addition to the litter control program, in 2020 the same crew cleaned **56** smaller dumpsites and maintained some previously cleaned illegal dumpsites. WV DEP/REAP supports these efforts by paying the cost for disposal of tires and solid waste. In 2020 that cost, covered by WVDEP/REAP totaled **\$2,208.22** for Monongalia County.

The Litter Control Officer assists WV DEP/REAP with the Open Dump Cleanups and the Make It Shine Program by locating and advising REAP of larger dumps in the county for remediation. In 2020, **11** larger dumps in Monongalia County were cleaned by and the cost of **\$74,266.15** paid for by WV DEP/REAP. In addition, 8 larger dump sites were referred to WV DEP/REAP for cleanup.

Monongalia County has had the majority of its open dump sites cleaned up by the WV DEP PPOD program. Since 1993 to 2015, 309 open dumps have been remediated. The following link will show all remediated sites in Monongalia County.

http://tagis.dep.wv.gov/ppod/query.php?sf=3&qname=county&qfield=NAME&z=1&x=525800.0&y=4283800.0&e=140000.0&doqq=N&watershed=N&county=Y&streams=Y&roads=Y&towns=Y&open_dump=Y&q=12&s=4&qkey=Monongalia

C. Plan of Action – Conclusions and Recommendations

I. Dump Clean-up and Reclamation

This Monongalia County Solid Waste Authority will remain active in supporting the WV DEP and their clean-up of open dump sites. At the time this plan was written the WV DEP representative was in charge of open dump reclamation in our county. The representative has collaborated with volunteer groups to continue the effort in reclaiming open dumps and watershed clean ups.

II. Illegal Dump Prevention

Collection and disposal service is already extended to all county residents, we will continue to work with the Litter Control Officer, WV Conservation Officer, and local haulers to ensure that all residents are subscribing to regular pick-up or show proof of legally disposing of their waste.

D. Future Efforts

The Monongalia County Solid Waste Authority will continue to cooperate with the WV DEP Pollution Prevention and Open Dump Program (PPOD) program in addressing the open dump reclamation and illegal dumping in our county.

E. Recommendations for Siting a Landfill

The MCSWA plans are to ensure there is no need in the future for a landfill in Monongalia County due to improved technological advancement in resource recovery.

Part IV

Recycling Plan

A. Goals and Objectives

The most important factor determining the success of any recycling collection program is resident and commercial participation.

Long term objectives

1. Public education campaign - to inform residents to better understand the environmental benefits of recycling
2. Encourage recycling to all residents and businesses

B. Current Program – Implementation to Date

The Monongalia County Solid Waste Authority recommends and supports using integrated solid waste management practices managed at a local level. Central to this integrated management is the hierarchy favoring source reduction and reuse to decrease volume of solid waste and to increase the useful life of products. Recycling is the next most preferred option to divert waste from the landfill; through recycling, energy spent in manufacturing can be conserved, useful products can be made from discarded materials and less waste enters the waste stream. This option helps non-renewable resources.

The Monongalia County Solid Waste Authority's recycling program, which had been serving the county for many years, was terminated effective February 2015. Monongalia County Solid Waste Authority is not part of an active program. In the county, the Monongalia County Commission, City of Morgantown, City of Westover and WVU operate their own single-stream recycling program.

C. Capacity of Public and Private Recycling Facilities

The most outstanding limitation is the availability of wide-spread curbside pick-up and public drop-off sites.

Most metal and white goods can be recycled in Monongalia County or in counties adjacent to Monongalia County. Several salvage yards and scrap dealers provide metal recovery services. They are as follows Northern Mountain State Metals, Fairmont, and Jack's Recycling, Mt. Morris, PA. These private businesses have almost unlimited capacity to accept recyclables.

Most haulers will at least pick up such bulk goods and transport them to a scrap facility. Private appliance dealers in Monongalia County, like Lowe's, will remove used white goods from customer's homes and either repair, re-sell, or scrap them.

This is a list of the current recycling facilities in Monongalia County:

- Monongalia County Commission's Recycle Collection Facility – Single stream recycling
- Mountaineer Transfer Station - Single stream recycling
- Arnettsville Community Association – Single stream recycling managed by Marion County Solid Waste Authority
- Electronics Recycling (E-cycling) - PC Renewal, and Best Buy
- Scrap Metal - Jack's Recycling, and Northern Mountain State Metals
- Household Hazardous Waste - Special event held by the Morgantown Utility Board (MUB)
- Tire Amnesty Collection Day - Special yearly summer event held by the WV DEP Rehabilitation Environmental Action Plan's (REAP) Pollution Prevention and Open Dump Program (PPOD)

D. Materials Which Can Be Effectively Source Separated

Based on the flow of materials to Mountaineer Transfer Station, and as reported by Republic Services, the following materials have been designated as materials that can be effectively source separated:

- Cardboard
- Office Paper
- Aluminum

Other materials currently being processed are mixed paper, clean OCC, glass, ferrous (iron) cans and plastics #1, #2, #4, #5, #7.

E. Existing and Anticipated Markets

Because all recycling in the county is now single stream, it is sent out of state for processing and marketing.

As technology improves, the MCSWA will seek resource recovery facilities that will separate recyclables from the waste stream and will eventually supplant public recycling programs. The MCSWA believes with advanced separation technology, a resource recovery facility should be more effective and at a lower cost than public recycling programs.

F. Public Education Program

1. The Monongalia County Solid Waste Authority intends to work with educating schools by working with local administrators and teachers to instill a sense of environmental concern and knowledge on how to recycle
2. Promote more recycling in the homes of school aged children by teaching them how to recycle at their school
3. Helping coordinate grants that are available to schools to create school recycling programs

Due to lack of funding the MCSWA has limited ability to meet these objectives.

G. Evaluation of Recycling Education Effectiveness

The effectiveness of any recycling education campaign is evaluated by comparing the amount of recyclables collected before and after an effort has been made to inform and encourage citizens and hauler participation.

Mandatory Garbage Disposal Program

The Monongalia County Solid Waste Authority will continue to inform the public of the mandatory garbage disposal program.

1. Each municipality has disposal information on their website or residents and businesses can contact the MCSWA office to get information on local solid waste haulers and services.
2. Verification of residents and businesses using commercial haulers may be verified by hauler's records. Residents and businesses who haul their own waste to a landfill must maintain receipts of proper disposal.

Part V

Alternative Approaches to Solving Problems

A. Action to Implement the Waste Management Hierarchy

West Virginia Code §22C-4-1 mandates that county and regional solid waste plans implement an integrated waste management hierarchy which includes (1) solid waste reduction, (2) recycling, resource recovery and, (3) land filling as the lowest priority. Through implementation of these mandates, it is further reduced, thus requiring less reliance on land filling of solid waste. As markets develop for more recycled raw materials, discarded items will become resources instead of solid waste.

B. Program to Utilize Individuals on Probation or Incarcerated for Litter Pick-up

Recent changes to a regional jail system have basically ended the use of inmates as litter workers. The regional jail is far enough away that it is not feasible to use the inmates because of the travel distance from the regional jail to the litter site.

C. Coordination with County, State and Federal Offices

Agencies working with the Solid Waste Authority include:

- Federal Agencies: Natural Resource Conservation Service, Farm Service Agency, and the US Environmental Protection Agency.
- State Agencies: Division of Natural Resources' Law Enforcement, WV State Police, Division of Highways, Department of Health and Human Resources, Board of Education, WVU Extension Service, Department of Environmental Protection, and the Solid Waste Management Board.
- County Agencies: Sheriff's Office, Circuit Court, Magistrate's Office, Prosecutor's Office, County Court, other SWAs, and other agencies as appropriate.

These agencies may actively participate with the MCSWA in activities like the spring cleanup, Adopt-A-Highway, household hazardous waste cleanup, and other such programs.

Timetable for Implementation of Programs

Program	2021	2026	2031	2036	2041
Open Dump Clean Up *	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Litter Control*	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Mandatory Collection	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Recycling Education*	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
Agency Coordination*	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX

*All programs are intended to be ongoing based the availability of funds and labor.

Update and Amendment Process

A mandatory update must take place every five years. However, the plan can be amended at any time. A public notice and hearings on updates or amendments shall be given and held in the same manner as described in Section 7 of the rules. A revised plan is to cover a period of twenty (20) years and the Solid Waste Management Board must approve amendments in the same manner as the previous plan. Minutes from the Monongalia County Solid Waste Authority meetings in which the new, updated or amended plan is approved should include:

1. New, updated or amended plan.
2. Previous plan submitted for approval by the Solid Waste Management Board.
3. Minutes signed by Chairman.

Appendix A

Open Dump Reclamation

Monongalia County

Open Dump Projects--Not Completed

Project Name	Type	Completed	Dumps	Acres Reclaimed	Cost	Tons Removed	Tons Steel	Appliances	Tires	Volunteers	Miles Stream	Agencies Involved
Dry Run	OPEN DUMP											
National Church Road	OPEN DUMP											
Snow Properly Tire Pile (>1000)	Tire Pile											
Charles Core Road Tire Pile (5000)	Tire Pile											
Farm View Road Tire Pile	Tire Pile											

Open Dump Projects--Completed

Project Name	Type	Completed	Dumps	Acres Reclaimed	Cost	Tons Removed	Tons Steel	Appliances	Tires	Volunteers	Miles Stream	Agencies Involved
Accounting 1993	OPEN DUMP	1993/06/30	76	40	\$43581.27	1007.8	186.39		823			
Accounting 1994	OPEN DUMP	1994/06/30	16	10.5	\$23176.08	83	12		58,87			
Accounting 1995	OPEN DUMP	1995/06/30	86	21.5	\$50203.16	1289.69	74.57	0	0			
Hegans	OPEN DUMP	1995/08/23	3	2		5.88	2.91	0	0	0		Mark's Dozer Service
Georgetown	OPEN DUMP	1995/08/24	1	.5		4.98	1	0	0	0		Mark's Dozer Service
Pioneer Rocks	OPEN DUMP	1995/08/30	3	1.5		3	1.6	0	0	15		Mark's Dozer Service - No Charge
Indian Creek	OPEN DUMP	1995/09/02	1	1		65.83	4	0	0	0		Mark's Dozer Service
Monongalia County	OPEN DUMP	1996/04/18	0	0		0	157.6	0	0	0		
Friends of Deckers Creek	OPEN DUMP	1996/04/23	3	2.5		8	2	0	0	25		KC&M Coal Company & The Friends of Deckers Creek
Friends to Deckers Creek	OPEN DUMP	1996/04/23	3	2.5		8	2	0	0	25		KC&M Coal Company & Friends of Deckers Creek
Boyd Run Cleanup	OPEN DUMP	1996/06/12	2	1		0	0	0	0	0		Mark's Dozer Service
Accounting 1996	OPEN DUMP	1996/08/30			\$27379.56							
Brookhaven Road Cleanup	OPEN DUMP	1997/01/30	1	.5		94	39	0	0	0		Mark's Dozer Service
Knocking Run	OPEN DUMP	1997/03/17	2	.75		4.5	4.5	0	0	0		
Deckers Creek Cleanup	OPEN DUMP	1997/04/14	0	5		7.71	0	0	0	50		
RT 7 Cleanup	OPEN DUMP	1997/04/29	5	0		8.5	0	0	0	50		
Deckers Creek Cleanup	OPEN DUMP	1997/04/30	0	.5		12	6.75	0	0	50		
Whiteday Creek	OPEN DUMP	1997/05/02	5	0		11.5	7	0	0	25		
Whiteday Creek	OPEN DUMP	1997/05/03	3	0		5.95	0	0	0	25		
Reihel Road 1997	OPEN DUMP	1997/05/14	4	3.5		3.87	1.89	0	0	10		
Cobun Creek Cleanup	OPEN DUMP	1997/06/09	2	1.75		4	.5	0	0	0		
Scott Run	OPEN DUMP	1997/06/10	1	5		0	0	0	0	0		
Wades Run	OPEN DUMP	1997/06/19	1	3.5		8	8	0	0	0		
Accounting 1997	OPEN DUMP	1997/08/30			\$21936.54							
SNAKE HILL CLEANUP	OPEN DUMP	1997/09/09	0	4.5		7.5	0	0	0	25		FRIENDS OF DECKERS CREEK, COOPERS ROCK FOUNDATION
PIONEER ROCKS	OPEN DUMP	1998/02/16	2	.5		130.42	2.5	0	0	0		MARKS DOZER
DARNELL HOLLOW (AAD)	OPEN DUMP	1998/04/11	3	.5		3	1	0	5	40		COOPERS ROCK FOUNDATION
DRY RUN (AAD)	OPEN DUMP	1998/04/11	8	.75		26.29	0	0	10	60		UNIVERSAL METALS
DARNELL HOLLOW	OPEN DUMP	1999/05/04	1	1		0	0	0	567	0		PRESTON TIRE RECYCLING
DRY RUN	OPEN DUMP	1999/05/04	1	1.5		0	0	0	830	0		PRESTON TIRE RECYCLING
Accounting 1998	OPEN DUMP	1998/08/30			\$17822.12							
BAKER HILL	OPEN DUMP	1999/03/29	7	1		13.4	0	0	160	0		UNIVERSAL CONT.
STATLER RUN	OPEN DUMP	1999/03/31	3	1		340.52	13.55	100	1300	0		ALL CONST.
BAND SPRING RD. (AAD)	OPEN DUMP	1999/04/03	4	5		2.45	0	2	0	10		STATE LINE HUNT CLUB, UNIVERSAL METALS

Accounting 1999	OPEN DUMP	1999/06/30			\$19109.34							
DARNELL HOLLOW - AAD	OPEN DUMP	1999/09/19 2	1		1	0	0	12	12	2	CHEAT LAKE LIONS CLUB	
SNAKE HILL	OPEN DUMP	1999/10/24 3	.25		4.55	0	0	20	0	0	COOPERS ROCK FOUNDATION	
MONONGALIA CO. INMATE	OPEN DUMP	1999/12/16 42	5		50.21	12.15	0	576	0	0	MONONGALIA COUNTY SWA	
WHITE DAY CREEK-AAD	OPEN DUMP	2000/03/25 4	1		4.12	1.29	0	88	50	0	WHITEDAY CRK WATERSHED ASSOC	
SAND SPRINGS HUNT CLUB	OPEN DUMP	2000/04/16 2	.5		25	0	0	0	35	0	SAND SPRINGS HUNT CLUB	
SNAKE HILL WMA-AAD	OPEN DUMP	2000/04/22 3	.5		1	0	0	86	25	0	FRIENDS OF DECKERS CREEK	
MONONGALIA CO. INMATE	OPEN DUMP	2000/06/01 23	8		31.97	22.86	0	511	0	0	MONONGALIA COUNTY SWA	
Accounting 2000	OPEN DUMP	2000/06/30			\$12952.95							
MONONGALIA INMATE	OPEN DUMP	2000/09/14 14	1		46.45	0	0	815	0	0	MONONGALIA COUNTY SWA	
DARNELL HOLLOW AAD	OPEN DUMP	2000/09/17 1	.5		.5	0	0	6	10	1.5	LAKEVIEW LIONS CLUB	
MON COUNTY INMATE	OPEN DUMP	2000/12/31 28	4.2		47.27	2	0	845	0	0	MON SWA, ERS, PRUNYTOWN CORR	
MONONGALIA CO. INMATE	OPEN DUMP	2000/12/31 28	5		41.75	2	0	808	0	0	MONONGALIA COUNTY SWA	
WHITEDAY CREEK-AAD	OPEN DUMP	2001/03/31 4	.5		4.52	0	0	61	60	.5	UNIVERSAL METALS	
ROUTE 73 SOUTH	OPEN DUMP	2001/04/18 1	.75		3	3	0	0	0	0	UNIVERSAL METALS	
Accounting 2001	OPEN DUMP	2001/06/30			\$23933.19							
MONONGALIA CO. INMATE	OPEN DUMP	2001/06/30 98	15		39.98	2.6	0	952	0	0	MONONGALIA COUNTY SWA	
GREER-RAILS TO TRAILS	OPEN DUMP	2001/09/12 1	1		82.33	0	0	0	0	0	ROMIE SPENCER	
HENDERSON HILL	OPEN DUMP	2001/11/13 1	.25		90.45	0	0	1	0	0	MONONGALIA COUNTY SWA	
MASON DIXONHIST. PARK	OPEN DUMP	2002/04/06 1	1		1	0	0	0	10	0	PARK VOLUNTEERS	
BOPARC	OPEN DUMP	2002/04/14 10	5		10	0	0	0	300	0	BOPARC VOLUNTEERS	
Jakes Run	OPEN DUMP	2002/05/17 5	7		\$14785.87	131.99	4.2	75	700		Marks Dozer/ WVDEP	
Breeze Heights	OPEN DUMP	2002/05/17 1	2		\$2631.49	4.69	2.01		375		Marks Dozer/ WVDEP	
Booth Clean up	OPEN DUMP	2002/06/30 2	3		\$16256.77	9.16	4	25	230		Romey Spencer, WVDEP	
Hickory Ridge	OPEN DUMP	2002/06/28 6	10		\$13800.46	100.41	8.94		720		Marks Dozer/ WVDEP	
Warm Run Cleanup	OPEN DUMP	2002/06/28 1	1		\$1000	1.26	0		0		Marks Dozer/ WVDEP	
Accounting 2002	OPEN DUMP	2002/06/30			\$44570.95							
MONONGALIA COUNTY INMATE	OPEN DUMP	2002/07/31 10	10		11.1	2.5	21	321	0	1.5	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2002/08/31 27	10		4.17	0	4	111	0	5.5	MONONGALIA COUNTY SWA	
SAND BANK ROAD	OPEN DUMP	2002/09/30 21	5.5		8.66	1.2	12	526	0	2.5	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2002/10/31 10	2.5		34.16	0	25	482	0	2.5	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2002/11/30 2	2.5		19.07	0	24	751	0	2	MONONGALIA COUNTY SWA	
MONON. CO. MIS	OPEN DUMP	2003/04/15 10	4		20.5	6	10	200	350	7	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/04/30 7	1		5.43	25	8	94	0	1.5	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/05/30 5	2		7.1	1.26	11	283	0	2.6	MONONGALIA COUNTY SWA	
Accounting 2003	OPEN DUMP	2003/06/30			\$3973.93							
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/06/30 8	10		3.71	15	10	189	0	5	MONONGALIA COUNTY SWA	
BORTZ MINE RD	OPEN DUMP	2003/07/04 1	.5		1.4	63	2	31	0	26	MONONGALIA COUNTY SWA	
Quarry Run	OPEN DUMP	2003/07/12 4	2		\$1989	4.15	2.9	10	117	0	Allegheny Conservation Alliance	
CAMP RUN	OPEN DUMP	2003/07/12 4	2		2.86	1.4	0	59	0	1	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/07/31 2	5		5.8	3	2	156	0	5	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/08/30 4	5		3.73	.16	14	87	0	5	MONONGALIA COUNTY SWA	
NATIONAL CHURCH RD	OPEN DUMP	2003/09/02 2	2		2.86	1.1	5	24	0	1	ALLEGHENY CONSERVATION	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/09/30 2	2		3.77	16	6	30	0	2	MONONGALIA COUNTY SWA	
MONONGALIA COUNTY INMATE	OPEN DUMP	2003/10/31 3	2		75	0	3	1	0	3	MONONGALIA COUNTY SWA	
West Side Dock Metal	SPECIAL	2003/11/30 3	10		\$13618	615.03	561.18	250	4225.2	5	Monongalia County SWA	

Lower Dentle Run	OPEN DUMP	2004/04/15	1	1	\$969.61	65	78	28						Allegheny Conservation Alliance Inc., Morgantown
Jackson Hill Road	OPEN DUMP	2004/04/15	1	1	\$964.85	1.25	43	64						Allegheny Conservation Alliance Inc., Morgantown
Metz Mine	OPEN DUMP	2004/04/22	1	1	\$1054.22	1.39	1.28	62						Allegheny Conservation Alliance Inc., Morgantown
Upper Dentle Run	OPEN DUMP	2004/05/03	1	1	\$997.43	1.22	1.09	24						Allegheny Conservation Alliance Inc., Morgantown
Boy Scout Road	OPEN DUMP	2004/05/13	1	1	\$934.84	.06	.07	106						Allegheny Conservation Alliance Inc., Morgantown
Upper Coburn Creek Road	OPEN DUMP	2004/05/13	1	1	\$728.32	18	.43	62						Allegheny Conservation Alliance Inc., Morgantown
Sunset Beach	OPEN DUMP	2004/05/21	1	1	\$544.13	.97	13	12						Allegheny Conservation Alliance Inc., Morgantown
MONONGALIA COUNTY INMATE	OPEN DUMP	2004/08/28	6	1	\$0	5.83	35	22	67	0	11.5			MONONGALIA COUNTY SWA
Accounting 2004	OPEN DUMP	2004/08/30			\$18247.12									
Osage	OPEN DUMP	2004/10/07	1	1	\$703.25	45	1.28	4						Allegheny Conservation Alliance Inc., Morgantown
River Road	OPEN DUMP	2004/12/20	1	1	\$983.38	1.33	13	3						Allegheny Conservation Alliance Inc., Morgantown
Little Indian Creek #2	OPEN DUMP	2005/01/18	2	1	\$996.41	1.32	1.77	31						Allegheny Conservation Alliance Inc., Morgantown
Monongalia SWA March 2005	SPECIAL	2005/03/31	0	4	\$68	3.16	1.8	13	420					MON SWA
328 Diamond Ave	OPEN DUMP	2005/04/04	1	1	\$1218.01	3.9	2.3	26	56					Allegheny Conservation Alliance, Morgantown
Route 100 (Monongalia)	OPEN DUMP	2005/04/08	3	5	\$925.19	1.4	.5	5	28		5			Mon SWA, Allegheny Conserv.
Rosedale Road	OPEN DUMP	2005/04/11	3	5	\$823.46	3.75	3.1	10	18		5			Allegheny Conservation
BOPARC 2005	MAKE IT SHINE	2005/04/30												BOPARC of Morgantown
Monongalia SWA April 2005	SPECIAL	2005/04/30	3	10	\$487.8	5.97	.4	15	183		2.5			Mon SWA, DOH, Allegheny Cons.
Dackers Creek	MAKE IT SHINE	2005/04/30												Friends of Dackers Creek
Monongalia Co Landfill	OPEN DUMP	2005/05/11			\$1320									Universal Metal, Meadowbrook WV
Bethel Road Upper	OPEN DUMP	2005/05/19	4	2.5	\$1042.99	1.78	0.28	12	29		5			Allegheny Cons., Mon SWA
Bethel Road 2005 (Lower)	OPEN DUMP	2005/05/24	3	1.5	\$908.41	1.14	5	6	25		1.25			Allegheny Cons.
Monongalia SWA May 2005	SPECIAL	2005/05/31	6	8	\$1223.07	11.07	1.92	11	217					MON SWA, Allegheny Cons
Monongalia SWA June 2005	SPECIAL	2005/06/30	7	12	\$1224.6	14.4	4.025	27	139		12			MON SWA, Allegheny Cons
Route 73 Mon County	OPEN DUMP	2005/07/29	1	.5	\$1015.57	.5								Allegheny Cons. Alliance
Monongalia SWA July 2005	SPECIAL	2005/07/31	4	2	\$987.41	6.83	1	3	80					
Monongalia SWA August 2005	SPECIAL	2005/08/31	4	4	\$729.23	7.42		3	117		1.5			
Monongalia SWA September 2005	SPECIAL	2005/09/30	3	3	\$329	7.2	5	1	141		3.5			
Monongalia SWA October 2005	SPECIAL	2005/10/31	6	4	\$859.75	8.1	4	14	375					Mon SWA
Tres Debris (Monongalia)	SPECIAL	2005/11/23			\$27335	92.3								Meverick Contracting, LLC, WV DOH
Tree Debris (Morgantown)	SPECIAL	2005/11/23			\$23000	107.9								Tim Graham Excavating
Monongalia SWA November 2005	SPECIAL	2005/11/30	5	.5	\$207	3.9	1	3	50					Mon SWA
Monongalia SWA March 2006	SPECIAL	2006/03/31	5	5	\$200	4.25	.25	1	208					Mon SWA
Darnell Hollow	OPEN DUMP	2006/04/05	2	1	\$7925.4	10.4	5.3	8	58		5			Mountain Tech Inc.
Everettville	OPEN DUMP	2006/04/15	3	2	\$4071.81	4.43	2.75	10	47					Mountain Tech Inc.
Pick Handle Hill	OPEN DUMP	2006/04/22	2	1	\$3903.79	6.07	1.75	15	32					Mountain Tech Inc.
Jess Terinant Ridge Road	OPEN DUMP	2006/04/29	1	1	\$3555	4.8	2.2	5	52					Mountain Tech Inc.
Monongalia SWA April 2006	SPECIAL	2006/04/30	4	5	\$250	5.24	16		50		2			Mon SWA
MIS 2006 Monongalia	MAKE IT SHINE	2006/05/01	2	3	\$648.44	2.33	2.33	5	68	100				BOPARC, Mon County SWA/commission, Friends of Dackers Creek, White Day Creek Association
Bethel Road 2006	OPEN DUMP	2006/05/08	3	1	\$816.14	1.2		3	5	5				Allegheny Cons., Mon SWA, Consol Coal, WV DOH
Mount Hermon	OPEN DUMP	2006/05/13	1	1	\$9560.87	7.5	3.5	20	193					Mountain Tech, Mon SWA
Tire Collection Monongalia 2006	Tire Pile	2006/05/20	1	1	\$57778.11	108.8			6903					
Monongalia SWA May 2006	SPECIAL	2006/05/31	11	6	\$604.5	6.3	.4	9	302		2			Mon SWA
Mon River Swamp Monongalia 2006	STREAM	2006/06/10	2	1	\$2750.5	6.7	2.5		70		3			
Monongalia SWA June 2006	SPECIAL	2006/06/30	3	5	\$331	4.2	2	5	106		1			Mon SWA

Monongalia SWA July 2006	SPECIAL	2006/07/31	3	1	\$195	4	2	2	76		Mon SWA
Monongalia SWA August 2006	SPECIAL	2006/08/31	5	5		8.79	2	2	59		Mon SWA
Monongalia SWA September 2006	SPECIAL	2006/09/30	2	2	\$314	5.74			18		Mon SWA
Monongalia SWA October 2006	SPECIAL	2006/10/31	2	5	\$335	8	1	3	23		
Monongalia SWA November 2006	SPECIAL	2006/11/30	3	1	\$198	2.82	1	2	38		
Monongalia SWA December 2006	SPECIAL	2006/12/31	1	1	\$173.5	2.82			35		Mon SWA, Litter Control --Jemble
MIS Monongalia 2007	MAKE IT SHINE	2007/04/22	2	50	\$2489	3		4	130	150	1.5
Everetville Mine Memorial Site	OPEN DUMP	2007/04/29	1	1	\$2575	1.5		1	280	10	Romie Spencer, Inc, Sea Scouts, Everetville Historical Society
Monongalia SWA April 2007	SPECIAL	2007/04/30	8	3	\$492.5	4.3	1	8	222		Mon SWA, County Commission
Monongalia SWA May 2007	SPECIAL	2007/05/31	3	10	\$495.25	5.8			165		Mon SWA, County Commission
Mon River Sweep Monongalia 2007	STREAM	2007/06/02	1	5	\$58	5		1	35	15	2
Tire Collection Monongalia 2007	Tire Pile	2007/06/07	1	1	\$7153	75			3098		TRI
Monongalia SWA June 2007	SPECIAL	2007/06/30	9	5	\$835.75	9.2			300		1 Mon SWA, County Commission
Monongalia SWA July 2007	SPECIAL	2007/07/31	4	4	\$833.75	7		8	227		4 Mon SWA
Monongalia SWA August 2007	SPECIAL	2007/08/31	6	3	\$812.5	9		3	290		3 Mon SWA
Monongalia SWA September 2007	SPECIAL	2007/09/30	1	3	\$445	8.1			112		Mon SWA
Monongalia SWA October 2007	SPECIAL	2007/10/31	1	1	\$417.75	6.78		2	63		2 Mon SWA
Monongalia SWA November 2007	SPECIAL	2007/11/30	2	2	\$579.75	8		2	151		2
Deckers Creek CU 2007	ADOPT A DUMP	2007/12/12	4	2	\$275	3.5		2	144	15	1 Friends of Deckers Creek, Mon SWA CU crew
MIS Whiteday Creek 2008	MAKE IT SHINE	2008/04/07	3	3	\$898.86	8.22				15	Marks Dozer, Whiteday Creek Watershed
Dead Horse Dump	OPEN DUMP	2008/04/28	1	1	\$1226.54	4.54	0	1	12		6 Romie Spencer, Inc
MIS Monongalia Impact Earth	MAKE IT SHINE	2008/04/28	5	2	\$780.3	5.8			44	125	BOPARC, Mon SWA, Graham Ex.
Monongalia SWA April 2008	SPECIAL	2008/04/30	7	3	\$364.8	4.4			27		1
Monongalia SWA May 2008	SPECIAL	2008/05/31	8	2	\$428.11	5.13			119		5 Mon SWA
Monongalia SWA June 2008	SPECIAL	2008/06/30	11	3	\$429.75	5.7			137		10 Mon SWA
Tire Collection Monongalia 2008	Tire Pile	2008/06/30	1	1	\$10980	50.44	5.8		4464	5	Mon SWA, Friends of Deckers Creek, TLC Property Maint., Mon County Commission and Litter Control
Monongalia SWA July 2008	SPECIAL	2008/07/31	3	5	\$264.99	5.11			83		Mon SWA
Monongalia SWA August 2008	SPECIAL	2008/08/31	3	5	\$735.42	5.14			265		5 Mon SWA
Monongalia SWA September 2008	SPECIAL	2008/09/30	3	5	\$455.84	5.43			95		3 Mon SWA
Boy Scout Camp Road and Well Mine Road	OPEN DUMP	2008/10/24	3	2	\$6599.08	6.1		3	89		TLC
Monongalia SWA October 2008	SPECIAL	2008/10/31	3	5	\$818.48	7			114		3 Mon SWA
Monongalia SWA November 2008	SPECIAL	2008/11/30	1	2	\$259.54	3.21			48		Mon SWA
Wadestown Community Resource Center CU	SPECIAL	2009/03/27	1	1	\$2525.83	41.85			62	10	Mon SWA, Commission, WCRC
Monongalia SWA March 2009	SPECIAL	2009/03/31	13	1	\$791.94	8.9			293	1	Monongalia SWA
Monongalia SWA April 2009	SPECIAL	2009/04/30	6	2	\$1211.88	17.89			533		5 Mon SWA
MIS Morgantown Impact Earth 2009	MAKE IT SHINE	2009/05/06			\$718.19	1.98			18		Tire & Rubber Inc., Impact Earth
Monongalia SWA May 2009	SPECIAL	2009/05/31	3	1	\$910.52	7.8			166		Mon SWA
Tire Collection Monongalia 2009	Tire Pile	2009/06/15	1	1	\$10574	71.8	7.2		8480	3	TRI, Mon SWA
Old Cheat Road Tire Pile	Tire Pile	2009/08/22	3	3	\$8428.75	25.42			2642	3	Mon SWA, TRI
Monongalia SWA June 2009	SPECIAL	2009/06/30	5	1	\$487.23	4.98			103		
Monongalia SWA July 2009	SPECIAL	2009/07/31	3	1	\$377.24	5			34		Mon SWA
Monongalia SWA August 2009	SPECIAL	2009/08/31	1	1	\$504.82	6.24			46		Mon SWA
Owl Creek Tire Pile	Tire Pile	2009/09/21	1	1	\$2825	1			104		Mountain Tech
Gum Springs	OPEN DUMP	2009/09/21	3	1	\$2580.05	1.76					Mountain Tech
Monongalia SWA September 2009	SPECIAL	2009/09/30	2	1	\$1130.98	7.5			207		Mon SWA

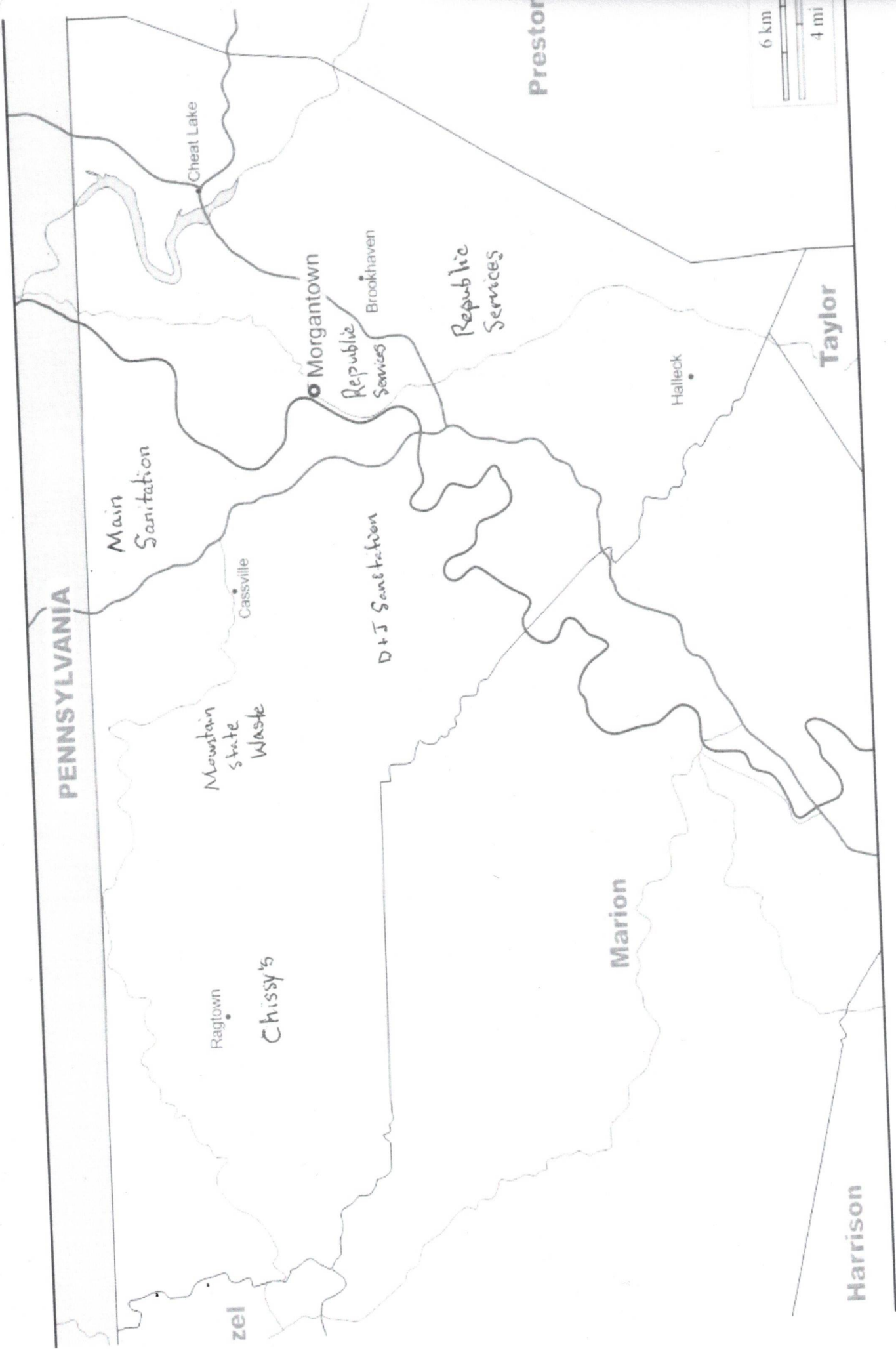
Monongalia SWA October 2009	SPECIAL	2009/10/31	4	4	\$312.8	6.2	1	64	5			
Monongalia SWA November 2009	SPECIAL	2009/11/30	1	2	\$256.75	3		144				
Monongalia SWA December 2009	SPECIAL	2009/12/31	1	1	\$174.03	2.48		44		Mon SWA		
Monongalia SWA March 2010	SPECIAL	2010/03/31	1	1	\$201.25	49		49		Mon SWA		
Chaplin Hill Road	OPEN DUMP	2010/04/10	4	2	\$4930.81	5.53	1,3	11	192	.5	TLC Property, Monongalia SWA	
Coburn Creek 2010	OPEN DUMP	2010/04/14	3	1	\$877.75	5			7			
Boy Scout Camp Road 2010	OPEN DUMP	2010/04/14	3	1	\$1327.3	1.63			23			
Belhal Road 2010	OPEN DUMP	2010/04/14	3	1	\$1325.75	1.37			27		TLC Property Maint	
Monongalia SWA April 2010	SPECIAL	2010/04/30	5	1	\$820.24	9.99			215			
Master Graphics Clean Up 2010	OPEN DUMP	2010/05/11	1	1	\$1800	1.38			18		Mon SWA Commission	
Glory Barn Road 5/10	OPEN DUMP	2010/05/13	1	.5	\$1500	1.2			13		Mon SWA Commission	
Boyce Tire Pile CU	Tire Pile	2010/05/14	1	1	\$170.25	1.3			131	4	Jim Boyce volunteer tire pile cu	
Owl Creek Clean Up 2010	OPEN DUMP	2010/05/14	1	1	\$2500	1.2			64		Mon SWA Commission	
River Road 5/10	OPEN DUMP	2010/05/14	1	.5	\$1000				19		Mon SWA Commission	
MIS Morgentown Impact Earth 2010	MAKE IT SHINE	2010/05/26			\$940.93	3.1			22		Tire & Rubber Inc.	
Monongalia SWA May 2010	SPECIAL	2010/05/31	7	1	\$746.69	8.93			217	6	Mon SWA, Commission	
Tire Collection Monongalia 2010	Tire Pile	2010/06/05	1	1	\$6872.5	39.22			3822		TRI, Monongalia SWA	
Monongalia SWA June 2010	SPECIAL	2010/06/30	11	6	\$595.47	8.28	1		193	10	Mon SWA, County Commission	
Monongalia SWA June 2010	SPECIAL	2010/06/30	8	1	\$382.81	6.28	1		183		Monongalia Solid Waste Authority	
Monongalia SWA July 2010	SPECIAL	2010/07/31	10	6	\$295.33	3.9	1		127		Mon SWA Commission	
Monongalia County Inmates	OPEN DUMP	2010/08/17	33	3.3		7160			60		Monongalia Solid Waste Authority	
Monongalia SWA October 2010	SPECIAL	2010/10/31	5	6	\$697.5	6.48			948		Monongalia SWA	
Monongalia SWA November 2010	SPECIAL	2010/11/30	6	6	\$781.29	2.25	0		201		Mon SWA Commission	
Monongalia County SWA 2010 December	SPECIAL	2010/12/31	1	6	\$40	32			32		Monongalia SWA	
Monongalia County SWA 2011 January	SPECIAL	2011/01/31	1	6	\$25.67	.28			14		Monongalia SWA	
Monongalia County SWA 2011 February	SPECIAL	2011/02/28	1	6	\$8.75	.07			7		Monongalia SWA	
Monongalia County SWA 2011 March	SPECIAL	2011/03/31	1	5	\$6.25	.05			2		Monongalia Co SWA, REAP	
MIS 2011 BOPARC	MAKE IT SHINE	2011/04/30	3	5	\$1033.75	4.27			201		BOPARC Staff, REAP, Allied Waste, TRI	
MIS 2011 Young Democrats	MAKE IT SHINE	2011/04/30	1	5	\$62.83	.05			20		WVU Young Democrats, REAP	
MIS 2011 Avery United Methodist Church	MAKE IT SHINE	2011/04/30	1	3	\$101	24	2	4	10	1	Avery Methodist Church, REAP	
Monongalia County SWA 2011 April	SPECIAL	2011/04/30	1	5	\$35.42	.47			15		Monongalia Co SWA, REAP	
Pickhandle Road 2011	OPEN DUMP	2011/05/10	3	10	\$20106.70	30.40			25		Marks Dozer Service, REAP	
Little Indian Creek Road 2011	OPEN DUMP	2011/05/16	3	5	\$2117.84	.87					Romle Spencer Inc, REAP	
Monongalia County SWA Dump Crew 2011 (Lower Martin Hollow)	OPEN DUMP	2011/05/30	1	3	\$1975.67	1.64			120		Monongalia Co SWA, REAP	
Monongalia County SWA 2011 May	SPECIAL	2011/05/31	8	5	\$831.31	15.77			183		Monongalia Co SWA, REAP	
Monongalia County SWA Dump Crew 2011 (Martin Hollow Rd.)	OPEN DUMP	2011/06/01	2	3	\$2105.02	1.87			10		Monongalia Co SWA, REAP	
Monongalia County SWA Dump Crew 2011 (Mel Brand & Lynch Rd.)	OPEN DUMP	2011/06/01	2	4	\$1859.86	3.17			10		Monongalia Co SWA, REAP	
Monongalia County SWA Dump Crew 2011 (Nylon Park Rd.)	OPEN DUMP	2011/06/01	1	2	\$2550.02	.8			5		Monongalia Co SWA, REAP	
Monongalia County SWA Dump Crew 2011 (St Leo Rd.)	OPEN DUMP	2011/06/01	1	3	\$2074.4	1.56					Monongalia Co SWA, REAP	
Monongalia Co SWA Dump Crew (Bishop Dr.)	OPEN DUMP	2011/06/01	1	2	\$2578.77	1.36					Monongalia Co SWA, REAP	
Monongalia County SWA Dump Crew 2011 (Brand Rd.)	OPEN DUMP	2011/06/01	2	2	\$2059.51	1.02					Monongalia Co SWA, REAP	
Monongalia River Sweep (Morgantown) 2011	SPECIAL	2011/08/18	1	0	\$172	.8	2		22	12	2	BOPARC, Corp of Engineers, Tim Terman, REAP
Monongalia County SWA 2011 June	SPECIAL	2011/08/30	12	5	\$882.64	8.79			217		Monongalia Co SWA, REAP	
Tire Collection Monongalia County 2011	SPECIAL	2011/08/30	1	6	\$9095.5	61.71	6.09		5562	5	Monongalia Co SWA, Tire & Rubber Inc., REAP	

Monongalia County SWA 2013 July	SPECIAL	2013/07/31	1	3	\$529.63	7.58	165	Monongalia SWA Litter Crew, REAP	
Toms Run 2013	OPEN DUMP	2013/08/30	1	1	\$2313.4	1.42		Romie Spencer Inc, REAP	
Monongalia County SWA 2013 August	SPECIAL	2013/08/31	1	3	\$475.87	7.41	51	Monongalia SWA Litter Crew, REAP	
McCrudiville Dump Site 2013	OPEN DUMP	2013/09/10	1	1	\$2337.98	1.08		Romie Spencer Inc, REAP	
McCrudiville Tire Dump 2013	Tire Pile	2013/09/10	1	1	\$2561	.86	80	Romie Spencer Inc, REAP	
Jakes Run 2013	OPEN DUMP	2013/09/10	2	2	\$2011.92	.77		Romie Spencer Inc, REAP	
Monongalia County SWA 2013 September	SPECIAL	2013/09/30	1	3	\$179.21	3.62		Monongalia SWA Litter Crew, REAP	
Monongalia County SWA 2013 October	SPECIAL	2013/10/31	1	3	\$652.27	7.88	141	Monongalia SWA Litter Crew, REAP	
Monongalia County SWA 2013 November	SPECIAL	2013/11/30	1	3	\$647.94	8.89	181	Monongalia SWA Litter Crew, REAP	
Rt. 18 Widespot 2013	OPEN DUMP	2013/12/30	1	1	\$1157.01	4.29		Marks Dozer Service, REAP	
Rt. 100 Dump Site 2013	OPEN DUMP	2013/12/30	1	1	\$1345.22	6.7		Marks Dozer Service, REAP	
Monongalia County SWA 2013 December	SPECIAL	2013/12/30	1	2	\$131.1	1.54	41	Monongalia County Litter Crew, REAP	
Martin Hollow Road 2013	OPEN DUMP	2013/12/30	2	3	\$1559.5	3.73	300	Marks Dozer Service, REAP	
Monongalia County SWA 2014 January	SPECIAL	2014/01/31	1	1	\$13.66	.1	6	Monongalia County SWA, REAP	
Monongalia County SWA 2014 February	SPECIAL	2014/02/28	1	1	\$32.4	.22	6	Monongalia County SWA, REAP	
Monongalia County SWA 2014 April	SPECIAL	2014/04/30	1	5	\$658.07	10.38	13	Monongalia County Litter Crew, REAP	
Boparc MIS 2014	MAKE IT SHINE	2014/04/30	1	3	\$678.78	2.44	15	Boparc, REAP	
Monongalia County SWA 2014 May	SPECIAL	2014/05/31	1	3	\$499.72	6.03	91	Monongalia County SWA, REAP	
Monongalia County SWA 2014 June	SPECIAL	2014/06/30	1	3	\$577.94	6.83	137	Monongalia County SWA, REAP	
Tire Collection Monongalia County 2014	SPECIAL	2014/07/15	1	5	\$8810	43.47	3.31	2829	Monongalia County SWA, REAP
Rt 100 Tire Pile 2014	SPECIAL	2014/07/30	1	10	\$15282.75	41.43		4143	Romie Spencer Inc, REAP
Monongalia County SWA 2014 July	SPECIAL	2014/07/31	1	3	\$738.1	9.58	141	Monongalia County Litter Crew, REAP	
Boparc Clean-up 2014 Fall	SPECIAL	2014/08/30	1	1	\$880.5	5.87	450	Boparc, Tire and Rubber Inc, REAP	
Golden Property Tire Pile 2014	OPEN DUMP	2014/08/30	1	2	\$3997.6	10.11	500	Romie Spencer Inc, REAP	
Monongalia County SWA 2014 August	SPECIAL	2014/08/31	1	3	\$934.72	10.18	314	Monongalia County SWA, REAP	
Monongalia County SWA 2014 September	SPECIAL	2014/09/30	1	3	\$467.91	5.78	94	Monongalia Litter Crew, REAP	
Monongalia County SWA 2014 October	SPECIAL	2014/10/31	1	3	\$553.2	7.26	88	Monongalia Litter Crew, REAP	
Airport Road Tire Pile 2014	Tire Pile	2014/11/15	1	1	\$2609.88	2.25	150	Romie Spencer Inc, REAP	
Monongalia County SWA 2014 November	SPECIAL	2014/11/30	1	3	\$335.83	3.41	120	Monongalia County Litter Crew, REAP	
Martin Hollow Road 2014	OPEN DUMP	2014/12/15	1	5	\$2713.75	1.97	75	Romie Spencer Inc, REAP	
Airport Road 2014	OPEN DUMP	2014/12/20	1	1	\$2584.25	3	0	Romie Spencer Inc, REAP	
Osage Road 2014	OPEN DUMP	2014/12/30	1	2	\$2514.3	1.32	25	Romie Spencer Inc, REAP	
Bethel Road 2014	OPEN DUMP	2014/12/30	1	1	\$2448.57	1.09		Romie Spencer Inc, REAP	
Monongalia County SWA 2014 December	SPECIAL	2014/12/31	1	3	\$181.88	1.59	87	Monongalia County Litter Crew, REAP	
Monongalia County SWA 2015 January	SPECIAL	2015/01/31	1	3	\$82.95	.91	2	Monongalia County SWA, REAP	
Monongalia County SWA 2015 February	SPECIAL	2015/02/28	1	3	\$10.26	.08	3	Monongalia County SWA, REAP	
Monongalia County SWA 2015 March	SPECIAL	2015/03/31	1	3	\$38.78	.26	9	Monongalia County Litter Crew, REAP	
BOPARC MIS 2015	MAKE IT SHINE	2015/04/30	1	2	\$788.01	1.93	50	BOPARC, REAP	
Monongalia County SWA 2015 April	SPECIAL	2015/04/30	1	3	\$512.07	7.54	100	Monongalia County Litter Crew, REAP	
Monongalia County SWA 2015 May	SPECIAL	2015/05/31	1	3	\$837.04	7.5	85	Monongalia County Commission, REAP	
Monongalia County SWA 2015 June	SPECIAL	2015/06/30	1	3	\$847.87	6.5	124	Monongalia County Commission, REAP	
Tire Collection Monongalia County 2015	SPECIAL	2015/07/15	1	1	\$7038	40.21	2.73	2810	Tire and Rubber Inc, Monongalia County Commission, REAP
Dry Run Road 2015	OPEN DUMP	2015/07/16	2	3	\$2566.54	4.00	25	Romie Spencer Inc, REAP	
Rt. 7 Gas Well Dump Site 2015	OPEN DUMP	2015/07/15	3	5	\$2718.92	3.95		Romie Spencer Inc, REAP	
Flaggy Meadow Road 2015	OPEN DUMP	2015/07/20	1	1	\$2684.56	7.83		Romie Spencer Inc, REAP	
Gabbertsville Road 2015	OPEN DUMP	2015/07/20	1	1					

Monongalia County SWA 2016 July	SPECIAL	2016/07/31	1	3	\$455.87	5.51	25	Monongalia County SWA, REAP
Bethel Road 2015	OPEN DUMP	2015/08/20	1	1	\$2386.93	.76		Romie Spencer Inc, REAP
Monongalia County SWA 2016 August	SPECIAL	2015/08/31	1	3	\$398.87	4.75	43	Monongalia County SWA, REAP
Hobbitts Glen Dump 2015	OPEN DUMP	2015/08/05	1	1	\$2088.11	1.48		Romie Spencer Inc, REAP
Monongalia County SWA 2016 September	SPECIAL	2015/09/30	1	3	\$371.08	4.21	58	Monongalia County SWA, REAP
Monongalia County SWA 2016 October	SPECIAL	2015/10/31	1	3	\$398.61	6.45		Monongalia County SWA, REAP
Monongalia County SWA 2016 November	SPECIAL	2016/11/30	1	3	\$640.59	8.49	124	Monongalia County SWA, REAP
Monongalia County SWA 2016 December	SPECIAL	2016/12/31	1	3	\$232.22	2.91	24	Monongalia County SWA, REAP
Massie Mine Road	OPEN DUMP/STREAM	2016/03/23	1	1	\$2313.07	3.86	0	Romie Spncar Inc, REAP
River Road	OPEN DUMP	2016/03/23	1	1	\$2436.83	1.82	21	Romie Spencer Inc, REAP
Little Indian Creek Road	OPEN DUMP	2016/03/25	1	2	\$2526.57	1.81	60	Romie Spencer Inc, REAP
Canyon Road	OPEN DUMP	2016/03/25	1	1	\$2373.04	1.38		Romie Spencer Inc, REAP
Cool Run Road	OPEN DUMP	2016/03/25	1	1	\$2611.89	3.23	21	Romie Spencer Inc, REAP
Bethel Road	OPEN DUMP	2016/03/25	1	1	\$2185.08	.76		Romie Spencer Inc, REAP
Monongalia County Litter Crew 2016 January-March	SPECIAL	2016/03/31	3	10	\$471.57	4.8	57	Monongalia County Litter Crew, REAP
Massie Mine Tire Pile 2016	OPEN DUMP	2016/04/10	1	1	\$2689.49	1.53	102	Romie Spencer Inc, REAP
Flaggy Meadow Road	OPEN DUMP	2016/04/30	1	1	\$1826.17	1.68	21	Romie Spencer Inc, REAP
City of Morgantown Make-It-Shine	MAKE IT SHINE	2016/04/30	1	1	\$4076.37	7.98	158 10	City of Morgantown, Romie Spencer Inc, REAP
BOPARC Make-It-Shine 2016	MAKE IT SHINE	2016/04/30	1	10	\$413.58			BOPARC, REAP
Osgood Road 2016	OPEN DUMP	2016/04/30	1	1	\$2490.89	1.37	26	Romie Spencer Inc, REAP
Monongalia County Litter Crew 2016(April-June)	SPECIAL	2016/06/30	4	10	\$590.92	8.88	84	Monongalia County Litter Crew, REAP
Tire Collection Monongalia County 2016	SPECIAL	2016/07/09	1	10	\$13701.68	58.56	4134 0	REAP, Mon Co SWA, Walmart, Tire Rubber Inc
Monongalia County Litter Crew 2016(July-Sept)	SPECIAL	2016/09/30	14	20	\$581.2	5.91	84	
Camp Mountainear Road 2016	SPECIAL	2016/11/28	1	1	\$9.52	.07	7	REAP
Monongalia County Litter Crew 2016(Oct-Dec)	SPECIAL	2016/12/31	16	15	\$1359.93	9.53	334	Monongalia Co SWA, REAP
Owl Creek Tire Pile 2017	Tire Pile	2017/02/16	1	1	\$2286.88	1.84	85 .25	Romie Spencer Inc, Tire and Rubber Inc, REAP
Rt 100 (2017)	OPEN DUMP	2017/02/21	2	1	\$4564.46	2.31	28 2	Romie Spencer Inc, REAP
Bethel Church Road 2017	OPEN DUMP	2017/02/23	1	1	\$2419.73	1.66	30 1	Mon Co Litter Control, Romie Spencer, REAP
Upper Cobun Creek Road	OPEN DUMP/STREAM	2017/03/13	1	1	\$2230.67	1.25	47 1	Romie Spencer Inc, Tire and Rubber Inc, REAP
Darnell Hollow (2017)	OPEN DUMP/STREAM	2017/03/28	1	1	\$2683.24	2.06	25 .5	Romie Spencer Inc, Tire and Rubber Inc, REAP
Monongalia County Litter Crew 2017(Jan-June)	SPECIAL	2017/06/30	33	31	\$1336.1	16.02	143 1	Mon Co SWA, Mon Co Litter Control, REAP, Tire and Rubber Inc
Tire Collection Monongalia County 2017	SPECIAL	2017/07/29	1	10				Mon Co Litter Control, Tire Rubber Inc, REAP

Appendix B

Maps



PENNSYLVANIA

Main Sanitation

Mountain State Waste

D+J Sanitation

Republic Services

Morgantown

Republic Services

Brookhaven

Halleck

Cheat Lake

Ragtown

Chissy's

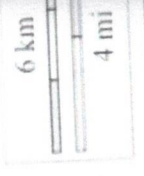
Zel

Marion

Taylor

Prestor

Harrison



Appendix C

Public Participation

received
12/14/20

COPY

The Dominion Post

1251 Earl L Core Road
Morgantown, WV 26505
(304) 291-9420

PUBLISHER'S CERTIFICATE OF PUBLICATION

I, Brad Pennington, Advertising Director of
THE DOMINION POST, a newspaper of general circulation
published in the City of Morgantown, County and State
aforesaid, do hereby certify that the annexed

Legal Notice

was published in the said THE DOMINION POST once a week

for 1 successive weeks commencing on the
4th day of December, 2020 and ending on the
4th day of December, 2020.

The publisher's fee for said publication is \$35.04

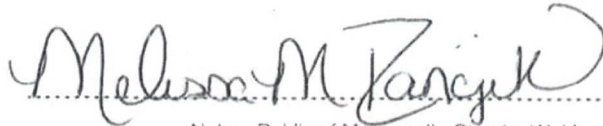
Given under my hand this 4th day of
December, 2020



(SEAL)

Advertising Director of THE DOMINION POST

Subscribed and sworn to before me this 4th
day of December, 2020



Notary Public of Monongalia County, W. Va.

My commission expires on the 26th day of
July 2021

OFFICIAL SEAL
NOTARY PUBLIC, STATE OF WEST VIRGINIA
Melissa M. Fancik
Newspaper Publishing Co.
1251 Earl L. Core Road
Morgantown, WV 26505
My Commission Expires July 26, 2021

2047

DEC. 4

The Monongalia County Solid Waste Authority (MCSWA)

will hold a public hearing concerning the five-year update of the Comprehensive Litter and Solid Waste Control Plan. The hearing will take place virtually online via Zoom on January 4, 2021, at 5:30 pm - 6:30 pm, during which time public comments will be heard. Connect on Zoom <https://us02web.zoom.us/j/88410569294> or join by phone 301-715-8592. This plan may be reviewed at the Morgantown Public Library, Arnettsville Public Library, Cheat Area Public Library, Clay Battelle Public Library, Clinton District Public Library, Aull Center, Monongalia County Clerk's office, Monongalia County Solid Waste Authority's office and the District 6 Regional Planning & Development Council's district office in Whitehall, WV. Copies can be found on the MCSWA's website at:

<https://www.monongaliacountywv.com/>
Written comments will be accepted until January 14, 2021 and may be sent to Monongalia County Solid Waste Authority 3788 Morgantown Industrial Park, Morgantown, WV 26501 or by email: moncountyswa@gmail.com.



MONONGALIA COUNTY SOLID WASTE AUTHORITY

3788 Morgantown Industrial Park
Morgantown, West Virginia 26501

(304) 292-3801

moncountyswa@gmail.com

COPY

MCSWA Comprehensive Litter and Solid Waste Control Legal Hearing Minutes

5:30 pm, January 4, 2021

Via Zoom

Present

Staff: Lynn Castro, Solid Waste Administrator

Public: Bill Kawecki, Jim Kotcon, Eliana Tauger, Mark Tauger

1. Beginning at 5:30 pm, on January 4, 2021, Ms. Castro welcomed the public to the Monongalia County Solid Waste Authority's Comprehensive Litter and Solid Waste Control Plan (Comp Plan) Legal Hearing meeting by Zoom online.
2. Ms. Castro explained the process the MCSWA was taking with the 5-year plan by holding the first hearing to receive public comments and that the Board would be in receipt of the transcript of the recordings of the meeting, that those attending would receive a letter acknowledging their comments and notification when the second legal hearing would be held for the final draft prior to submitting it to the WV Solid Waste Management Board for approval.
3. Ms. Eliana Tauger offered the following comments:
 - a. Wondering about source separating for cardboard and aluminum and collected separately and curious about what had been figured out these items? (Page 22, Recycling Plan, Materials Which Can Be Effectively Source Separated)
 - b. If there was any interest in looking into long-term municipal composting and think about program to encourage home composting would be good and more attainable in the short-term sense.
 - c. Encourage businesses to recycle because she worked at a business and they threw a lot of cans away and businesses tend to produce more waste than households. Make it easier for them to recycle.
 - d. Encourage residents to bring their own containers at restaurants to take home left-overs.
4. Mr. Jim Kotcon offered the following comments:
 - a. Supports continued efforts PPOD program. We have to do because during his class he does a water stream activity and not uncommon to find a dump along the stream and a major pollution source for those streams. Couple years ago found 25 jugs of pool cleaners and various other things, hazardous waste types of things. Said that anything that can do to accelerate that cleanup will help with water quality.
 - b. Distinction between source separated materials vs. single stream is still a controversial one and needs to be examined more aggressively. WVU shows that recycling has increased but contamination has too. Most common thing is that they don't know how to recycle properly believes ongoing problem going on elsewhere but rest of area needs a lot of work to educate public.
 - c. Important for MCSWA Comp Plan needs to recognize the 3 distinct demographics. One program for the city, WVU, one for the county in rural areas with several different haulers with recycling needs. Plan needs to recognize that those 3 distinct areas do a better job coordinating those plans because there is overlap of those. People get confused about the different recycling programs in those areas since they live in a rural area and work in the city or go to WVU but live in commercial housing.



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4. Mr. Kotcon's comments cont.:
 - d. Believe need to make a much bigger effort at waste reduction either through legislation, like the bottle bill, mandatory take-back programs, if store produces waste then should take it back, outright bans – some merit to those and increasing, something to be considered.
 - e. Look at volume-based fee pick up. Real incentive for recycling programs and reduction program. Need to make sure there structured to avoid trash being tossed over the hill.
 - f. Plastic bag ban would be appropriate. May be that a deposit fee bag is appropriate step and useful way to look at it.
 - g. Monongalia County needs a composting facility and needs to look into it.
 - h. Need more recycling education. Public education program on page 24 is a useful start but it needs to go a lot further than that.
 - i. Rural areas recycling needs to be looked at since current Saturday event is not permanent.
 - j. Business recycling need for a commercial recycling program.
 - k. Need more commercial users to encourage recycling in general.
 - l. Single most important issue facing us and future generations is to need to reduce GHG emissions. Has the opportunity to look at that and ways to reduce generation of those products. The first priority. Reduce, reuse, recycle places waste reduction as the priority.
 - m. Need for waste reduction as a way to reduce GHG.
5. Mr. Kawecki offered the following comments:
 - a. Volume-based is probably primary things we can do the difficulty is getting public acceptance and willingness to do it. Controls amount and encourages idea of recycling. Best way to recycle is at the site and separation.
 - b. Would like included some sort of overview of the obstacles of waste management. What is the difficulty?
 - c. Municipal composting facility would be appropriate.
 - d. Plastic and plastic bags are a big problem. Polluting environment.
 - e. Advocacy for waste reduction and recycling like a marketing plan that makes people understand the difficulties like the difficulties faced in the County. Helpful to have somebody out advocating for the idea of a better management system. Need it marketed in a way to that presented to public so they will accept it and back it. Need incentives and some sort of repercussion.
 - f. The abovementioned ideas plastic, volume-based and composting ideas could easily be implemented if there was a public will to do it.
6. Ms. Castro thanked the residents for participating in the legal hearing and offering their comments.
7. The meeting adjourned at 6:26 pm.



MONONGALIA COUNTY SOLID WASTE AUTHORITY

3788 Morgantown Industrial Park

Morgantown, WV 26501

304-292-3801

**FY 2021
Board of
Directors**

Hayward
Helmick,
Chairman

H. R. Scott
Vice—Chair

Eldon Callen,
Board
Member

David Custer,
Board
Member

Robert
McConnell,
Board
Member

Lynn Castro,
Appointed
Secretary and
Treasurer

March 3, 2021

Thank you for attending the Monongalia County Solid Waste Authority's Comprehensive Litter and Solid Waste Control Plan public hearing on January 4, 2021.

We appreciate the feedback you offered during the meeting and we will take it under consideration as we continue to edit the Comprehensive Litter and Solid Waste Control Plan.

Once the Comprehensive Litter and Solid Waste Control Plan second public hearing date is posted we will let you know so you can obtain a copy and attend the hearing if you wish.

Again, thank you for attending the public hearing and offering feedback for the Board of Directors to consider for the Comprehensive Litter and Solid Waste Control Plan.

Sincerely,

Monongalia County Solid Waste Authority Board of Directors

COPY

Received
4/16/21

The Dominion Post

1251 Earl L Core Road
Morgantown, WV 26505
(304) 291-9420

PUBLISHER'S CERTIFICATE OF PUBLICATION

I, Brad Pennington, Advertising Director of
THE DOMINION POST, a newspaper of general circulation
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aforesaid, do hereby certify that the annexed

Legal Notice

was published in the said THE DOMINION POST once a week

for 1 successive weeks commencing on the

7th day of April, 2021 and ending on the

7th day of April, 2021.

The publisher's fee for said publication is \$32.34

Given under my hand this 7th day of

April, 2021

(SEAL)

Advertising Director of THE DOMINION POST

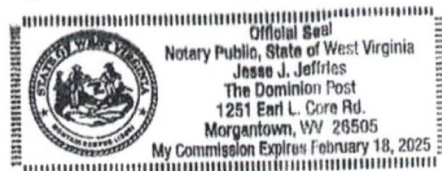
Subscribed and sworn to before me this 7th

day of April, 2021

Notary Public of Monongalia County, W. Va.

My commission expires on the 18th day of

February 2025



5319

APRIL 7

The Monongalia County Solid Waste Authority (MCSWA) will hold a public hearing concerning the five-year update of the Comprehensive Litter and Solid Waste Control Plan. The hearing will take place virtually online via Zoom on May 7, 2021, at 5:30 pm - 6:30 pm, during which time public comments will be heard. Connect on Zoom <https://us02web.zoom.us/j/89865900617> or join by phone 301-715-8592 using Meeting ID: 898 6590 0617. This plan may be reviewed at the Morgantown Public Library, Arnettsville Public Library, Cheat Area Public Library, Clay Battelle Public Library, Clinton District Public Library, Aull Center, Monongalia County Clerk's office, Monongalia County Solid Waste Authority's office and the District 6 Regional Planning & Development Council's district office in Whitehall, WV. Copies can be found on the MCSWA's website at <https://www.monongaliacountywv.com/> Written comments will be accepted until May 17, 2021 and may be sent to Monongalia County Solid Waste Authority 3788 Morgantown Industrial Park, Morgantown, WV 26501 or by email moncountyswa@gmail.com.



MONONGALIA COUNTY SOLID WASTE AUTHORITY

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Morgantown, West Virginia 26501
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moncountyswa@gmail.com

COPY

MCSWA Comprehensive Litter and Solid Waste Control Legal Hearing Minutes

5:30 pm, May 7, 2021
Via Zoom

Present

Staff: Lynn Castro, Solid Waste Administrator

Public: Jim Kotcon, Eliana Tauger

1. Ms. Castro started the recording of the meeting at 5:30 pm, on May 7, 2021, and welcomed the public to the Monongalia County Solid Waste Authority's Comprehensive Litter and Solid Waste Control Plan (Comp Plan) 2nd Public Hearing when they arrived. The meeting was on Zoom online.
2. Ms. Castro explained the process related to receiving public comments via email or regular mail until May 17th and that the Board would be in receipt of the transcript of the recordings of the meeting, that those attending would receive a letter acknowledging their comments and the final steps to submit the Comp Plan to the WV Solid Waste Management Board for approval.
3. Ms. Eliana Tauger offered the following comments:
 - a. Has the impression that primarily shifting to WTE for most part. Even if move to WTE should aim to get a composting facility established. Stuff that can be composted doesn't produce a lot of energy for WTE and also missing opportunity to become compost.
 - b. Worried about plastics and so on being burned and releasing toxic chemicals. At least deserves a look into it and a disclaimer for accountability about it.
 - c. Redirecting from landfill is good but WTE you have to have something to use the energy. Jenny Selin (City of Morgantown councilwoman) talked about Industrial Park by airport so maybe that is a possibility.
 - d. They discussed park to be nice so people can walk through it and make it attractive. Also discussed innovation and green there and this would be green and something in the park to power other things.
4. Mr. Jim Kotcon offered the following comments:
 - a. Page 10 – Census Bureau data from 2010 and the Census Bureau has some newer estimates published from July 2019 but clearly not 2020 Census data but gives Monongalia County population 105,612. Would encourage more recent data in this plan.
 - b. Pages 12, 15 – major industrial sources of solid waste – Longview Power Plant is not listed although Fort Martin is. Not clear to him if it includes various try ash, coal combustion residues but if Fort Martin is a major contributor, then Long View is as well then Long View should be added to list.
 - c. Pages 14, 15 – WVU solid waste volume went down 21% between 2019 – 2020 but recycling volume dropped down 31% and it would be interesting to see if that is COVID related or a problem with recycling program for why such a large drop in their recyclables.
 - d. Other numbers were WVU Medicine, Ruby and it's other complexes ended up generating more municipal solid waste at 700 tons then the rest of WVU at 2500 tons. Has there been any effort at waste reduction at the hospitals? Huge volume for waste at the hospital. Nice opportunity to look at waste reduction. Troubled him that hospital generated more waste than the rest of WVU combined and would like it looked into.



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- e. He did calculations on Table 15 (page 15) and EPA estimates project waste volume 4.5 lbs. MSW per person per day but if total up amount of MSW collected in the County divide by population comes out to 3.2 lbs. MSW per day so that's almost 20% lower of collection waste than the EPA estimate and important to get values that are in fact more realistic. Is there some reason to think Mon County is generating less waste or that haulers not picking up 30% of the waste and going over the hill? Because that would have some real bearing on whether any resource recovery facility, what is the volume that is needed for that and the economics of that operation?
- f. Page 16 made the estimate that a resource recovery facility reduces landfill GHG by 75-80%, important to add a caveat while diverting that from the landfill those will end up in the atmosphere if the waste to fuel product is in fact burned at a facility. And need to account for that as well, certainly if displacing some coal or gas that would account for some of that GHG reduction but need to make more comprehensive and accurate life cycle assessment that of the actual GHG reductions. Supports any efforts to reduce any GHG and knows the need to really make dramatic progress on that but need to make sure we are doing it.
- g. Page 17 bothered him was that MCSWA to support a transfer station was strikeout and wasn't justified. Suggest may want to keep it in there at such time until there is a resource recovery facility in Mon County. Dropping the MTS hasn't been justified.
- h. Pages 17 – 20 he supports any efforts that should continue for public awareness and proper disposal for various special waste, the hazardous waste collection, batteries, white goods and other programs should continue.
- i. Pages 19 – 20 open dump programs. Would be useful to include some trend data is that problem is improving? Recognize that WV DEP is doing that but if that is not improving and cleaning up the same open dumps every year after year then we might want to look at how we can improve enforcement of that. Recall lobbying for solid waste in early 90s that there was fairly stringent enforcement mechanisms and any kind of identification of the potential owner of the litter or open dump material would be considered evidentiary evidence that that was the person that disposed of it to use in court. Need to do more effort trying to identify those violators and prosecute them otherwise just cleaning up the same thing over and over again.
- j. Supports recommendation that we don't need a landfill in Mon County. Doesn't think we are generating the volume to justify that.
- k. Overall conclusion, I would be concerned that the plan is putting too much emphasis on the resource recovery facility as the recycling program. It therefore does not provide any significant resources for waste reduction. And, given the hierarchy states waste reduction and reuse should be a higher priority than recycling vs. landfilling and the Plan should reflect that hierarchy and needs to be some efforts at waste reduction. Data he has looked at suggests that a lot of emphasis on plastic recycling is misleading at best since most plastics are not recycled. While recovering that energy is useful reducing the amount of plastic would be even better. Encourages that the Plan should retain those components that talk about waste reduction and public education for recycling and that we look much more carefully at any kind of resource recovery facility to make sure it is achieving the GHG reduction that is being proposed. His big concern is number of municipalities that included some type of resource recovery or generator facility and



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that ends up working up against waste reduction programs because those facility are sized for very large volume of burnable materials. And any waste reduction program that reduces that likely impacts the economics of the resource recovery facility. Until there is an actual identified user and much more detailed plan for a resource recovery facility, he is not ready to support it. He stated he will send those comments in writing as well.

5. Ms. Eliana Tauger offered the following additional comments:
 - a. At Earth Day event a resident asked about any ideas for how they could reduce waste at the hospitals. Resident is an employee and stated that they produce a large amount of waste there.
 - b. Agrees with Mr. Kotcon and thinks that there is not a lot about waste reduction and would be good to have education. Not sure about banning but knows that plastic ban or incentivizing is better than banning. Try to get incentivizing like reusable containers or something.
 - c. Agrees with Mr. Kotcon about looking more into like the whole life span of the waste after it goes into a WTE facility and the emissions of what would come from like burning the waste and so on.
6. Ms. Castro thanked the residents for participating in the legal hearing and offering their comments.
7. The meeting adjourned at 6:07 pm.



MONONGALIA COUNTY SOLID WASTE AUTHORITY

3788 Morgantown Industrial Park

Morgantown, WV 26501

304-292-3801

May 28, 2021

**FY 2021
Board of
Directors**

Hayward
Helmick,
Chairman

H. R. Scott
Vice –Chair

Eldon Callen,
Board
Member

David Custer,
Board
Member

Robert
McConnell,
Board
Member

Lynn Castro,
Appointed
Secretary and
Treasurer

Thank you for attending the Monongalia County Solid Waste Authority's Comprehensive Litter and Solid Waste Control Plan public hearing on May 7, 2021.

We appreciate the feedback you offered during the meeting and have taken it under consideration when we finished the last edits to the 2021 Comprehensive Litter and Solid Waste Control Plan.

Again, thank you for attending the public hearing and offering feedback for the Board of Directors to consider for the 2021 Comprehensive Litter and Solid Waste Control Plan.

Sincerely,

Monongalia County Solid Waste Authority Board of Directors



MONONGALIA COUNTY SOLID WASTE AUTHORITY

3788 Morgantown Industrial Park
Morgantown, WV 26501
304-292-3801
monongaliacountyswa.com

Board of Directors Meeting Minutes

5:30 pm, May 25, 2021

Present - Board: Hayward Helmick, David Custer, Robert McConnell, and HR Scott Staff: Lynn Castro
Public: Delegate Evan Hansen Absent: Eldon Callen

1. Call to Order

The meeting was called to order by Chair Hayward Helmick at 5:33 pm online via Zoom.

2. Approval of Minutes

Mr. Custer motioned to approve the January and February 2021 meeting minutes. Mr. McConnell seconded and with all in favor the motion passed unanimously. March and April meeting minutes were unavailable.

3. Treasurer's Report

Mr. Custer motioned to approve the April Treasurer's report. Mr. Scott seconded and with all in favor the motion passed unanimously.

4. Grants – Status Reports

Ms. Castro presented the SWMB 21FY grant and MCC 21FY grant expense reports.

5. Tonnage Data

The Board reviewed and discussed the February, March, and April 2021 MTS tonnage reports.

6. Office Updates

- a. Ms. Castro shared articles with MCSWA mentioned in relation to the calendar and a collaboration with the Morgantown Public Library. The articles were in the Dominion Post, Morgantown Magazine and WVU Eberly College of Sciences Spring 2021 magazine.
- b. Ms. Castro shared the following letters/emails:
 - i. SWMB 2021FY grant semi-annual report completion letter
 - ii. SWMB 2022FY grant application Region VI Planning & Development Council letter
 - iii. WV SAO Audit 2018FY Report update – Ms. Castro stated that the report was expected in the coming weeks.
 - iv. WV SAO Audit 2019FY Application – Ms. Castro stated the application was due July 1st. Mr. Helmick instructed Ms. Castro to complete and submit the application by the due date.
 - v. American Transparency FOIA Request email – The Board instructed Ms. Castro to reply to the email by explaining that the MCSWA does not have an employee on payroll, and that the Board Members are appointed and volunteers with no compensation.
 - vi. REAP Grant 2022FY Application available postcard
 - vii. City of Morgantown Communication Updates – Ms. Castro shared emails from Vanessa Reeves, Recycling Manager regarding a drop in contamination levels at the MRF since the end of 2019 and an update about composting at WVU farm stating that Ben Welsh indicated that WVU is still interested in pursuing composting since the WVU farm site couldn't be used.
 - viii. Recycling Coalition of WV, Inc. letter
 - ix. AWVSWA Legislative Meeting June 24th email
 - x. AWVSWA 2021-2022 Dues and membership email/invoice – the Board stated to move this item to the June Board meeting.

7. Old Business

- a. After completing the edits from the last Comp Plan Work Session considering the public hearing comments and final Board edits, and after the Board's review of the final 2021 Comp Plan prepared per the SWMB packet instructions to remove underlines and

strikethroughs, Mr. Scott motioned to submit the final version of the MCSWA'S 2021 Comprehensive Litter and Solid Waste Control Plan with approved edits to the SWMB for approval. Mr. McConnell seconded and with all in favor the motion passed unanimously.

- b. Mr. Hansen updated the Board stating that SB368 had passed with .20/ year increase over 5-years with a 75% population distribution and 25% equally to SWAs with an effective date of July 1, 2021 and that the funds would be based on tonnage and population. He was going to let the Board know when the funds would begin being distributed and whether there would be other deductions from administrative costs to expect. Mr. Hansen explained that he wasn't as familiar with SB345 and would research it and let the Board know what he learned.
- c. There was no other old business.

8. New Business

- a. The 2022FY Board meeting dates and new location at the WVU Extension Service Monongalia County Office, 270 Mylan Park Lane, Suite 250, in Mylan Park were confirmed. Mr. Custer motioned to approve the 2022FY Board meeting dates and location. Mr. Scott seconded the motion and with all in favor the motion passed unanimously.
- b. Ms. Castro shared the email from PC Renewal about what PC Renewal would need from the MCSWA to hold an electronics event for Monongalia County residents as Mr. Helmick had instructed. After some discussion by the Board, Mr. Custer instructed Ms. Castro to determine how much of her time/hours would be needed to collaborate with PC Renewal to arrange this event and report back to the Board at the next meeting.
- c. New business: Mr. Scott motioned to change the Administrator position's pay rate to \$28.06 for maximum of 28 hours per week, effective June 1, 2021 until August 31, 2021. Mr. McConnell seconded and with all in favor the motion passed unanimously.

9. Public Comment

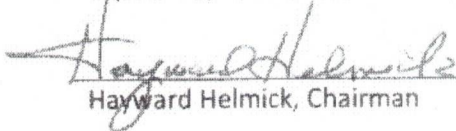
- a. There were no public comments.

10. Next meeting is June 29, 2021, 5:30 pm, Location: WVU Extension Service Monongalia County Office

11. Adjournment

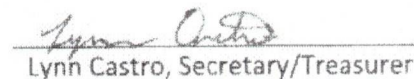
Mr. Helmick adjourned the meeting at 7:29 pm.

Respectfully submitted,


 Hayward Helmick, Chairman

6/29/21

 Date


 Lynn Castro, Secretary/Treasurer

6/29/21

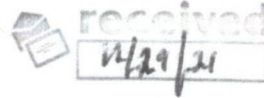
 Date



WEST VIRGINIA SOLID WASTE MANAGEMENT BOARD

601 57th St. SE
Charleston, WV 25304
Phone: (304)926-0448

Mark D. Holstine, PE, Executive Director
www.state.wv.us/swmb



November 18, 2021

David Custer, Chairman
Monongalia County Solid Waste Authority
3788 Morgantown Industrial Park
Morgantown, WV, 26508

Mr. Custer,

The Monongalia County Comprehensive Litter and Solid Waste Control Plan update was approved at the November 16, 2021, meeting of the Solid Waste Management Board (SWMB). Your Authority must now submit four copies of your final plan, including one copy in an electronic WORD format, to the SWMB. A copy of this letter should be included in all copies of the final plan.

In addition, each authority must transmit one copy of the plan to each appropriate regional planning and development council, county commission and to the office of each appropriate county clerk, who shall file the plan in the appropriate manner and make it available for public inspection.

If you have any questions, please feel free to contact me.

Sincerely,

Carol Ann Throckmorton
Environmental Resource Specialist III