

City Dump Cleanup Program



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Kansas Department of Health and Environment

Bureau of Waste Management

Dump Clean up/Closed Landfill Inspection

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Overview

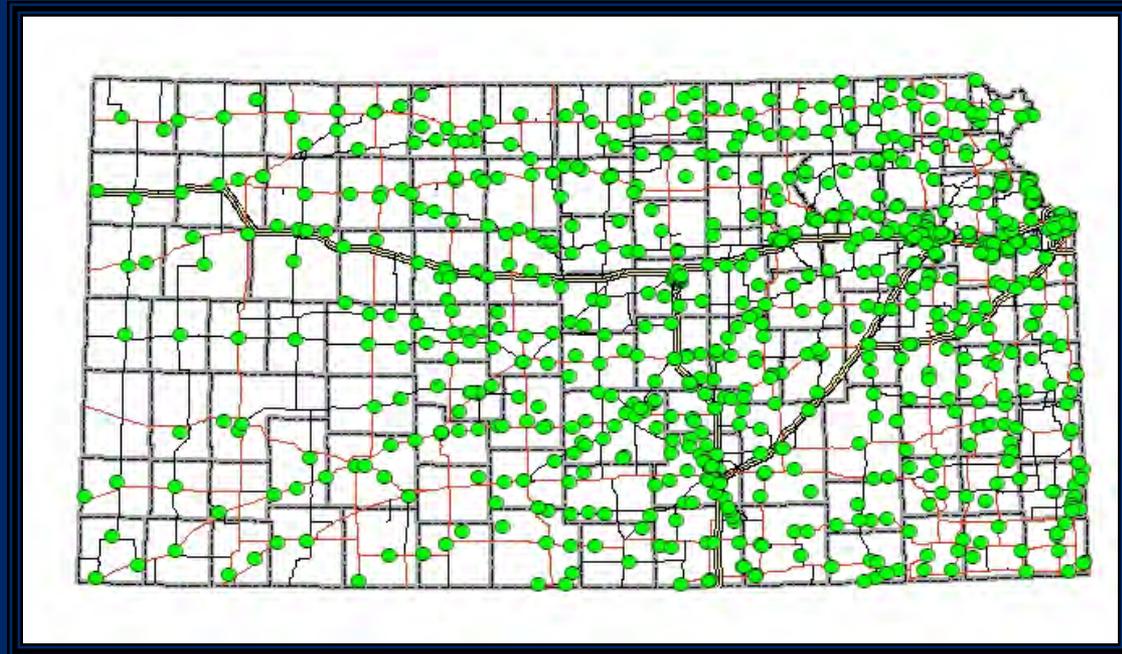
- ❖ Background of the Program
- ❖ Procedure for the Process
- ❖ Generating a Work Plan
- ❖ Payment Process
- ❖ Example Projects

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What is a Dump?

- ❖ Dump sites were primarily operated between the 1940's and the 1970's, before many counties had landfills
- ❖ Operated prior to regulation of solid waste disposal
- ❖ Approximately 800 dumpsites throughout Kansas



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Typically what you see.



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Program Background

- ❖ In 1972, new permitting requirements for landfills led to the closure of the dumps
- ❖ Federal legislation did not stipulate dump closure procedures

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Background, cont.

- ❖ KDHE inspected and assessed former dump sites to determine if they had been damaged by the 1993 floods
- ❖ Repair efforts for these sites proved to be very successful
- ❖ KDHE continues to identify and inspect town dump sites across the state



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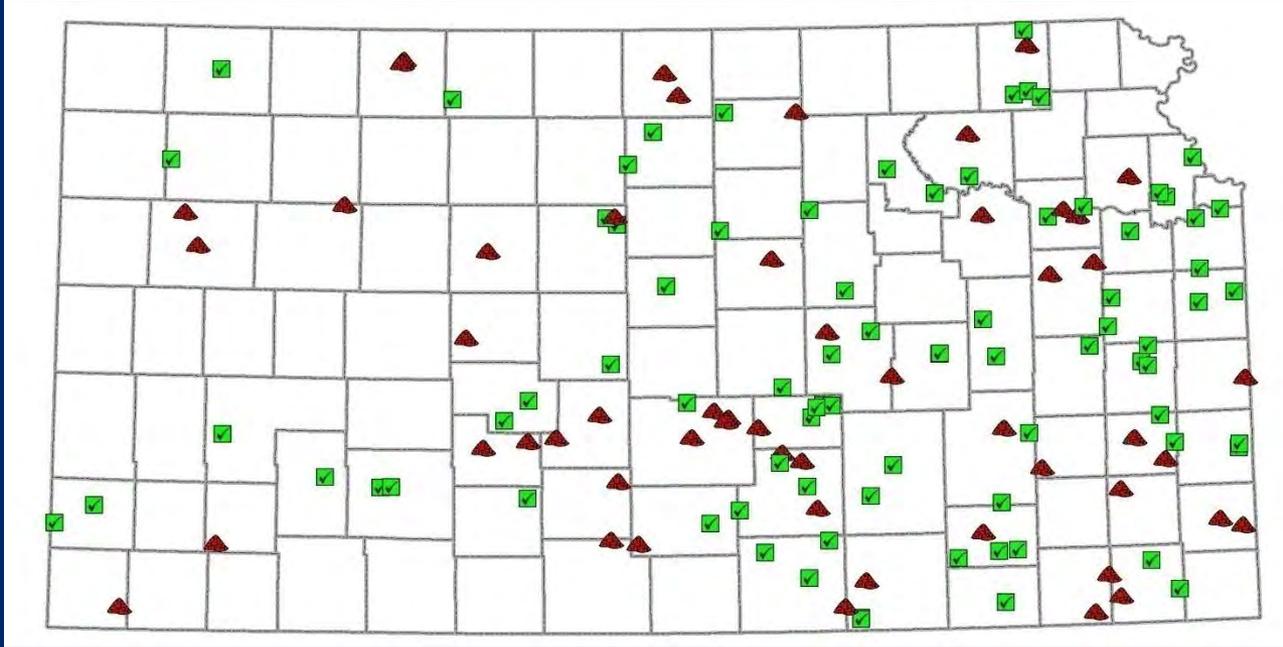
Program Details

- ❖ Program is funded by the solid waste tipping fees
- ❖ \$150,000 to \$300,000 is budgeted annually to help communities clean up dump sites
- ❖ Budget allows the repair and/or cleanup of 4-6 sites per year

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Statistics



- ❖ The first dump project was initiated in 1995
- ❖ 85 dumps repaired since 1995 at a cost of nearly \$4.5 million

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Program is Voluntary

- ❖ The City/County does not have to participate in this voluntary program
- ❖ KDHE requires a letter from the City/County wishing to participate
- ❖ If a City/County elects not to participate, state funding is not guaranteed for future site clean up

What is the Contract Procedure?

1. Entry into the Program
 2. Work Plan
 3. Contract
 4. Repairs
5. Final Inspection
6. Site Closure

Entry into the Program

- ❖ KDHE inspects the site and determines that an actual or potential threat to human health or the environment exists
- ❖ If local clean up funding is not available, the City/County submits a letter to KDHE stating that they do not have funding for the project (most do not)
- ❖ The City/County is then eligible for KDHE funding calculated by population and based on percentages determined by KDHE.

Technical Guidance Document SW-2012-G2

<u>Population</u>	<u>State Funding</u>
❖ Under 500.....	100%
❖ 500 – 1,499.....	90%
❖ 1,500 – 4,999.....	85%
❖ 5,000 – 9,999.....	80%
❖ 10,000 & above.....	75%

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Work Plan

- ❖ KDHE will request a work plan be developed by either the City/County or a consultant/engineer
- ❖ Communities are encouraged, but not required, to use their own personnel, services, and equipment to reduce the reliance on state funding which can be used to meet their part of the clean up expense if they are not eligible for full funding

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Work Plan

- ❖ The Work Plan includes cost estimates and any permits required to complete the project
- ❖ **The simpler the better**
- ❖ City equipment and employee hourly rates are all reimbursable items under the grant
- ❖ Money from recyclables should go back to cover clean-up costs.

Work Plan

❖ Be prepared for the unexpected

❖ Not to Exceed Cost!



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Why is consultation with an engineer recommended?

- ❖ NPDES (National Pollutant Discharge Elimination System)
 - ❖ NPDES prepared by a Professional Engineer
- ❖ Permits from additional regulatory agencies may be required (Dept. of Agriculture, Corp of Engineers, Wildlife and Parks, Historical Society, Regional Water Drainage Districts, etc.)



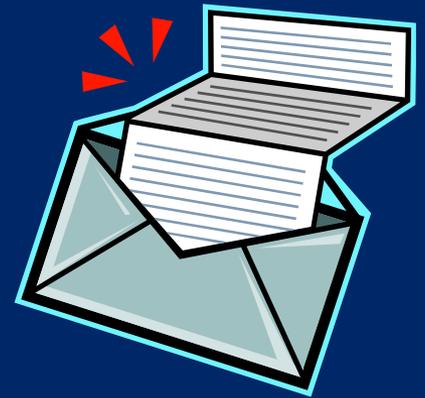
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Contract

- ❖ After the Work Plan is approved, a contract is written between the City/County and KDHE

“Nothing in this agreement shall be considered an admission of any fact or an acknowledgement of any liability”



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Repairs

- ❖ Work may commence upon signature of the contract by the Secretary of KDHE



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Repairs

- ❖ Waste is generally buried or covered on-site (exceptions are recyclables), 18-24” cover
- ❖ Any disturbed areas are to be seeded with a native grass suitable for wildlife habitat
- ❖ In areas of steep slopes or drainage, rock may be necessary to hold the repairs in place

Final Inspection and Site Closure

- ❖ The City/County submits a final report including photographs from **before, during, and after** the cleanup process
- ❖ A final inspection is made by KDHE to ensure repairs were completed
- ❖ A follow up inspection is made by KDHE after one year to insure proper rejuvenation of site

How is payment awarded?

- ❖ After the contract is signed by the Secretary of KDHE, 50% of the total cost is paid
- ❖ When 75% of the project is completed, another 25% of the total cost can be paid
- ❖ The final payment is received when the cleanup is complete and the final report has been submitted

City Dump Cleanup Program Repaired Sites

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Augusta City Dump - 2008



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Before and After



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Waverly City Dump 2008



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During Construction



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Waverly City Dump Repaired



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Waverly City Dump One Year Later



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Toronto City Dump - 2010



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Toronto Cleanup



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Toronto After



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Chanute City Dump – 2011-12



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Elsmore City Dump – Fall 2012



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Falun City Dump – Fall 2012



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Recap

- ❖ City Dump Cleanup Program provides funds for the repair of former municipal dump sites.
- ❖ City sends a letter to KDHE stating lack of funds, but has interest in the program
- ❖ City submits a work plan and cost estimate, which KDHE must approve
- ❖ Upon KDHE signature on contract, City receives 1/2 of the project cost and begins the repairs
- ❖ Upon completion, City submits a final report
- ❖ KDHE conducts final inspection with periodic inspection(s)

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Contact Information

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