



Environment and Natural Resources Trust Fund (ENRTF) M.L. 2018 ENRTF Work Plan (Main Document)

Today's Date: July 17, 2018

Date of Next Status Update Report: January 1, 2019

Date of Work Plan Approval:

Project Completion Date: June 30, 2019

Does this submission include an amendment request? No

PROJECT TITLE: Anoka County – Waste Disposal Engineering (WDE) Closed Landfill Cleanup

Project Manager: Jamie Wallerstedt

Organization: Minnesota Pollution Control Agency

College/Department/Division: Remediation Division

Mailing Address: 520 Lafayette Road

City/State/Zip Code: St. Paul, MN 55155

Telephone Number: 651 757 2094

Email Address: Jamie.Wallerstedt@state.mn.us

Web Address: <https://www.pca.state.mn.us/featured/cleaning-hazardous-waste-wde-landfill>

Location: Andover, Minnesota (Anoka County), near the intersection of Andover Boulevard and Hanson Boulevard.

Total Project Budget: \$6,000,000

Amount Spent: \$0

Balance: \$6,000,000

Legal Citation: M.L. 2018, Art. 6, Chp. 214, Sec. 4, Subd. 6 (1).

Appropriation Language:

Notwithstanding Minnesota Statutes, section 116P.08, subdivision 2, to design and construct remedial systems, including cleanup and removal of a leaking hazardous waste pit and protection of groundwater, at the Waste Disposal Engineering site in Anoka County in accordance with the closed landfill program under Minnesota Statutes, sections 115B.39 to 115B.42.

I. PROJECT STATEMENT:

The \$6 million for this project will be used for construction, fill and seeding as part of the cleanup of Waste Disposal Engineering (WDE) Landfill in Andover. WDE Landfill is the most toxic closed landfill in Minnesota and has the highest risk score in the MPCA's Closed Landfill Program. It poses significant risks to human health and

the environment.

- WDE Landfill accepted all of the state’s hazardous waste from 1972-1974. About 6,600 barrels of hazardous waste are buried in a 1/3-acre pit within the 122-acre mixed municipal waste landfill.
- The pit containing hazardous waste is leaking, contaminating adjacent soils and the groundwater below with polychlorinated biphenyls (PCBs), paint wastes, heavy metals, solvents, and other volatile organic compounds.
- In 2016 and 2017, the Legislature provided a total of \$12 million (\$650,000 General Fund in 2016; \$11.35 million bonding in 2017) to meet the projected \$12 million for removal of the hazardous waste pit. Of the \$12 million, \$315,485.74 was spent in fiscal year 2017 and \$221,345.60 was spent in fiscal year 2018.
- Work at the site in the Fall of 2017 uncovered more contamination than was originally anticipated. An additional \$6 million is necessary to cover the increased scope of the cleanup.
- To address this additional need, the 2018 Legislature appropriated \$6 million from the sale of appropriation bonds backed by the Environmental and Natural Resources Trust fund.
- To date, pre-design and design are completed for this project. Bidding documents for the construction contract are currently being developed.
- Short-term protection systems are currently reducing human health and environmental risks at the site. However these systems are not intended for long-term use.
- The MPCA is working in partnership with the City of Andover and Anoka County Public Health to coordinate and execute the cleanup. About 20,000 citizens live within one mile of the waste pit.

II. OVERALL PROJECT STATUS UPDATES:

See Activity 1 updates below

III. PROJECT ACTIVITIES AND OUTCOMES:

ACTIVITY 1 Title: Removal of hazardous waste pit and associated contaminated water and soil followed by closure of pit site.

Description: Construction of a temporary structure to contain vapor emissions from the excavation of the toxic waste and associated contaminated soil and water. Preparation of these hazardous materials for interstate transport to a licensed disposal facility, because there is no such facility in Minnesota. Grading and seeding of the pit area after all hazardous waste and associated contaminated soil have been removed.

ACTIVITY 1 ENRTF BUDGET: \$6,000,000

Outcome	Completion Date
<i>1. Construction of a temporary building to contain vapors and then extraction of contaminated soil and water from the site.</i>	Spring 2019
<i>2. Preparation of hazardous materials for interstate transport to licensed disposal facility.</i>	Spring 2019
<i>3. Grading and seeding of area where pit had been located.</i>	Spring 2019
<i>4. Contract Closeout</i>	Spring 2019

First Update January 1, 2019

Final Report by August 15, 2019

IV. DISSEMINATION: The MPCA held a public meeting November 2017 to update the public on the proposed scope of work. The MPCA will hold another public meeting this fall prior to commencing construction to discuss the final construction plans and emergency preparedness during construction. The MPCA has been working on a communication plan with the City and County.

V. ADDITIONAL BUDGET INFORMATION:

A. Personnel and Capital Expenditures

Explanation of Capital Expenditures Greater Than \$5,000: \$6,000,000 capital investment in site remediation

Explanation of Use of Classified Staff: N/A

Total Number of Full-time Equivalents (FTE) Directly Funded with this ENRTF Appropriation: \$0

Enter Total Estimated Personnel Hours: 0	Divide by 2,080 = TOTAL FTE: 0
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Total Number of Full-time Equivalents (FTE) Estimated to Be Funded through Contracts with this ENRTF Appropriation: To be determined. We will provide this information at the end of the project.

Enter Total Estimated Personnel Hours: TBD	Divide by 2,080 = TOTAL FTE: TBD
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B. Other Funds:

SOURCE OF AND USE OF OTHER FUNDS	Amount Proposed	Amount Spent	Status and Timeframe
Other Non-State \$ To Be Applied To Project During Project Period:			
	\$ TBD	\$	Info to be provided at the end of the project.
Other State \$ To Be Applied To Project During Project Period:			
M.L. 2017 Bonding for removal of hazardous waste construction & final transport of hazardous materials	\$11,350,000	\$221,346	
M.L. 2016 General Fund for removal of hazardous waste planning	\$ 650,000	\$ 315,486	
In-kind Services To Be Applied To Project During Project Period:			
	\$ 0	\$	
Past and Current ENRTF Appropriation:			
	\$ 0	\$	
Other Funding History:			
	\$ 0	\$	

VI. PROJECT PARTNERS:

A. Partners outside of project manager’s organization receiving ENRTF funding Contractor – to be determined during bidding. Engineering consultant, GHD, Inc., was selected through competitive bid during the prior phases of this effort and will continue to work for MPCA on this project.

B. Partners outside of project manager’s organization NOT receiving ENRTF funding City of Andover and Anoka County Public Health help with community outreach, communication and emergency preparedness.

VII. LONG-TERM- IMPLEMENTATION AND FUNDING: During the project, the waste will be transported to another state that has a certified hazardous waste disposal facility. Minnesota does not have such a facility; the closest facilities are in Illinois and Texas. Once all the waste is removed, the site will be covered with clean fill, graded, seeded, and draitile will be installed. The site will be managed as a closed landfill with limited public access in perpetuity.

VIII. REPORTING REQUIREMENTS:

- The project is for approximately 6 months, is estimated to begin in December, 2018 and end in the Spring of 2019. Actual dates are dependent on a number of variables, many of which are out of our control (ie weather). Actual dates will be included in the final report.
- Project status update report will be submitted by January 1, 2019.
- A final report and associated products will be submitted by August 15, 2019.

IX. SEE ADDITIONAL WORK PLAN COMPONENTS:

- A. Budget Spreadsheet** See attached.
- B. Visual Component or Map** See attached.
- C. Parcel List Spreadsheet** N/A
- D. Acquisition, Easements, and Restoration Requirements** N/A
- E. Research Addendum** N/A

**Attachment A: DRAFT
 Environment and Natural Resources Trust Fund
 M.L. 2018 Budget Spreadsheet**



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Project Manager: Jamie Wallerstedt

Project Title: Anoka County – Waste Disposal Engineering (WDE) Closed Landfill Cleanup

Organization: Minnesota Pollution Control Agency

Project Budget: \$6,000,000

Project Length and Completion Date: Estimated 6 months; July 1, 2019

Today's Date: July 17, 2018

ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	Budget	Amount Spent	Balance
BUDGET ITEM			
Personnel (Wages and Benefits)	\$0	\$0	\$0
Professional/Technical/Service Contracts			
Construction Contract to build a temporary structure to contain emissions; preparation of hazardous materials for transport; hazardous waste disposal (out-of-state); grading and seeding- will be put out for competitive bid	\$6,000,000	\$0	\$6,000,000
		\$0	\$0
COLUMN TOTAL	\$6,000,000	\$0	\$6,000,000

WDE Landfill, Anoka County

Andover Boulevard

Crosstown Boulevard

Hanson Boulevard

Treatment ponds

Coon Creek



Hazardous waste pit

Landfill boundary

Waste footprint