

Michigan Department of Environment, Great Lakes, and Energy - Remediation & Redevelopment Division

Master Data Form - 2/15/2023

Location Information

Location Type: 201	Location ID: 03000003	Location Name: A 1 Disposal LF
Location Code: 6005	EPA ID:	
State Funding Status: Non-State Actions	State Funding Status Date: 7/23/2009	
Closure Target Status: State Project Terminated (SPT)	Expected Closure Date: 9/30/2014	
SEMS ID:	DSMOA ID:	
Full Address: 2371 105th Avenue, Otsego, MI, 49078		
County: Allegan	Township:	
Work Unit: Kalamazoo	Property Tax ID:	
Latitude: 42.46210500	Longitude: -85.77588200	



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Directions:

Head west from Otsego on 104th Ave to 105th Ave. Parcel 1: All that certain piece or parcel of land situated and being in the Township of Otsego, County of Allegan, and State of Michigan, described as follows: The West ½ of the East ½ of the Southwest ¼ of Section 18, Town 1 North, Range 12 West.

Parcel 2: All that certain piece or parcel of land situated and being in the Township of Otsego, County of Allegan, State of Michigan, described as follows: That point of the Northwest ¼ of the Northwest ¼ North of the Highway of Section 19, Town 1 North, Range 12 West.

Related Information

Risk Condition: Risks Present and Require Action in Short-term
Reason for Creation: Sampling Data
Categorical Criteria:

Business Type:

Contaminant Class of Concern:
 Chlorinated Volatile and Semi Volatile Organic Compounds, Elements/Metals/Other Inorganics, Lead

State Financial Summary

Authorized: \$4,224,503.95	Encumbered: \$0.00	Expenses: \$4,224,639.67	Authorized Balance: \$0.00
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Pertinent Parties

Managing Agency:	Managing Agency Contact:	Project Manager: Jeffrey Spruit
House District: 080: Mary Whiteford	Senate District: 24: Tom Barrett	Congressional District: 06: Fred Upton

Organization/Company

Organization/Company Name: Clean Harbors Environmental Services Inc

Address:

Organization/Company Name: DLZ (LOE 2005-2009)

Address:

Contacts

No information available.

Narratives

History

11/08/2018 by DatabaseDefault

The former A-1 Disposal Corporation (A1DC) in Plainwell was a licensed liquid industrial/hazardous waste hauler, and a treatment, storage, and disposal facility in the 1970s and 1980s. A1DC owned and operated the A1LF as a solid waste disposal facility beginning in the early 1970s. From 1979 to 1986, the operators stored liquid wastes, disposed of drums of waste material, broadcasted untreated liquid industrial waste, and disposed of contaminated sludges. The A1LF property tax-reverted to the State of Michigan (State) in 1989.

Between 1989 and 1999, soil and groundwater investigations conducted by the Department of Environmental Quality (DEQ) detected various volatile and semi-volatile organic compounds; metals; and two contaminated groundwater plumes in two different aquifers originating on the property. DEQ geophysical investigations also identified areas of buried drums and underground storage tanks.

The DEQ interim response activities included: fencing the landfill; residential well monitoring; and removal of 1,888 buried waste drums, 3 underground storage tanks, and 1,800 tons of contaminated soil. Beginning in 1994, the DEQ installed and operated an interim groundwater purge and treatment system to contain contaminated groundwater on the property. In March 2004, the purge/treatment system experienced a mechanical failure and has not been re-started.

The State identified waste generators and arrangers of waste disposal, and sent demand letters to potentially responsible parties (PRPs) in November 1999. In 2004, a consent decree was entered with 22 A1LF PRPs, for payment of over \$3 million in past state response costs. With DEQ oversight of contractors, the PRPs have proceeded voluntarily in conducting additional response activities.

Sampling in 2004/05, indicated the presence of various volatile and semi-volatile organic compounds and metals in excess of concentrations protective of residential drinking water. Trichloroethylene was 760 times, and cadmium was 125 times, over residential drinking water criteria. Other significant contaminants included ethenes, ethanes, and lead.

-2009-07-18 by reidmilm.

Special Considerations:

08/14/08: Zimont, Spruit, Ballo performed compliance site inspection. NE gate lock/chain gone; hole cut in E fence; significant/obvious unauthorized activity within the fenced area. -2008-10-20 by zimontb .

Status

11/08/2018 by DatabaseDefault

Additional response activities are necessary at the property to further protect public health, safety, welfare and the environment from landfill contents and the contaminant plumes. The primary potential risk relative to this site is contamination of downgradient residential wells. The DEQ continues to provide funding for monitoring residential drinking water wells.

A Pre-Design Investigation report was submitted by the PRP Group's contractor in May 2006. The DEQ disagrees with at least one of their conclusions--that source control has been completed/confirmed. Actions by both the PRP Group and the DEQ were dormant until Spring 2009, when a complete round of sampling was performed by the PRP Group. The DEQ and the PRP Group will re-engage after these results are reported, to move the remedial process along.

LOE oversight contract was closed out in October, 2009, after determining those services were no longer necessary.

-2009-10-20 by zimontb .

Location

11/08/2018 by DatabaseDefault

The A-1 Disposal LF (A1LF) facility is located on approximately 20 acres in rural Allegan County, about 3 miles west of the city of Otsego, and 3/4 mile south of the Kalamazoo River. The site is surrounded by agricultural and forested land.

-2009-07-18 by reidmilm.

Miscellaneous

11/08/2018 by DatabaseDefault

-2004-03-02 by odonneld.

Post APC efforts are needed to identify, compel and/or oversee liable person activities: No
Construction Complete: No

Actions in Progress with Available Funds

No information available.

Response Activities

Location Name: A 1 Disposal LF

Activity: Remedial Design

Program Lead: State	Activity Lead: Private	Status: Ongoing	
Estimated Start Date: 4/1/2004	Estimated End Date:	Actual Start Date: 4/1/2004	Actual End Date:
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

A1LF PRP Group voluntarily conducting preremedial design investigation, remedy design, and development of a remedial action plan. Preremedial design activities scheduled to begin April 2004. \$ Unknown.

Activity: Remedial Design

Program Lead: State	Activity Lead: State	Status: Ongoing	
Estimated Start Date: 3/1/2001	Estimated End Date:	Actual Start Date: 3/1/2001	Actual End Date:
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE is providing review and oversight of A1LF PRP Group response activities, and state is making monitoring well lease payments to adjacent private property owners. \$7,200.

Activity: Remedial Investigation

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 11/1/1999	Estimated End Date: 5/31/2000	Actual Start Date: 11/1/1999	Actual End Date: 5/31/2000
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE installed vertical profile borings/monitoring wells and delineated landfill waste mass, completing vertical and horizontal delineation. \$300,000.

Activity: Interim Response

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 4/1/1998	Estimated End Date: 10/1/2003	Actual Start Date: 4/1/1998	Actual End Date: 10/1/2003
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE contractor provided oversight for state construction contractor's refurbishment, operation, and maintenance of existing interim purge and treatment system. \$250,000.

Activity: Interim Response

Program Lead: State	Activity Lead: State	Status: Completed	
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Estimated Start Date: 6/1/1995	Estimated End Date: 5/31/1996	Actual Start Date: 6/1/1995	Actual End Date: 5/31/1996
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State construction contractor conducted removal and disposal, including 1,888 drums, 1,800 tons of soil, 3 underground storage tanks, 1 CN treatment vat, and 176,000 gallons contaminated water. \$1,417,000.

Activity: Remedial Investigation

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 4/1/1994	Estimated End Date: 2/28/1995	Actual Start Date: 4/1/1994	Actual End Date: 2/28/1995
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE contractor conducted final test pitting, installed vertical profile borings/monitoring wells, and sampled test pit soils. \$521,000.

Activity: Alternate Water

Program Lead: State	Activity Lead: State	Status: Ongoing	
Estimated Start Date: 3/2/1994	Estimated End Date:	Actual Start Date: 3/2/1994	Actual End Date:
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

Local health department begins using state contingency funds to monitor downgradient residential wells semi-annually. \$1,864.

Activity: Interim Response

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 1/1/1994	Estimated End Date: 8/31/1997	Actual Start Date: 1/1/1994	Actual End Date: 8/31/1997
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State construction contractor installed and operated an interim groundwater purge and treatment system until shut down due to lack of funds. \$141,000.

Activity: Remedial Investigation

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 1/1/1993	Estimated End Date: 12/31/1993	Actual Start Date: 1/1/1993	Actual End Date: 12/31/1993
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE contractor installed monitoring wells and purge and injection wells, conducted an aerial topographic survey, and performed an aquifer pump test and groundwater modeling. \$412,000.

Activity: Remedial Investigation

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 4/1/1992	Estimated End Date: 12/31/1992	Actual Start Date: 4/1/1992	Actual End Date: 12/31/1992
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State LOE contractor test-pitted geophysical anomalies (2 drum pits; 1CN treatment vat pit), installed vertical profile borings/monitoring wells, and sampled test pit soils. \$434,000.

Activity: Remedial Investigation

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 1/1/1991	Estimated End Date: 12/31/1991	Actual Start Date: 1/1/1991	Actual End Date: 12/31/1991
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State staff conducted geophysical surveys identifying locations of buried drums and underground storage tanks; conducted soil sampling identifying chlorinated and other volatile organic compounds, semi-volatile compounds, and metals; and installed monitoring wells identifying groundwater contaminated with chlorinated and other volatile organic compounds, semi-volatile compounds, and metals. \$ Unknown.

Activity: Interim Response

Program Lead: State	Activity Lead: State	Status: Completed	
Estimated Start Date: 8/1/1990	Estimated End Date: 7/31/1991	Actual Start Date: 8/1/1990	Actual End Date: 7/31/1991
Primary Estimated Cost: \$0.00	Primary Source: TBD	Secondary Estimated Cost: \$0.00	Secondary Source:

Description:

State construction contractor erected a fence around the landfill area to limit access. \$28,000.

Related Addresses

No information available.

