

EXHIBIT I



WASTE MANAGEMENT
29755 S Prairie View Drive
Wilmington, IL 60481
815 423 5120
815 423 5920 Fax

January 25, 2018

Ms. Kimberly Rawe
IEPA - Bureau of Land
1021 North Grand Ave. East
Springfield, Illinois 62702

RE: **Laraway Recycling and Disposal Facility**
IEPA #1970450002 - Will County, Illinois
ILD074411745
Pending Class 1* Modification B-141R-M-123

Dear Ms. Rawe:

This letter and attachments are being submitted as additional information for the above-referenced pending Class 1* Permit Modification for Laraway RDF.

Revised RCRA Post-Closure Cost Estimate

Table I-2 has been revised to reflect 37 groundwater wells. Current lab analytical costs for E1, E2, E3 and E4 lists used for the Observation and GMZ wells. Please refer to Attachment 1 for the revised table.

Revised Solid Waste Unit Post-Closure Cost Estimate

Table 13-2 has been revised to reflect the current number of groundwater wells in the approved monitoring program. Current lab analytical costs for G1 and G2 lists used for the quarterly and semi-annual wells. In addition, groundwater sampling costs were increased (Item 9.). Please refer to Attachment 2 for the revised table 13-2.

In accordance with 35 IAC 703.281, the facility will provide written notification of this permit modification to all persons on the facility's mailing list within 90 days of approval by the Agency. As required, the original and three copies of this application are enclosed. If you have any questions or require additional information, please contact me immediately at 815-423-5120.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [35 IAC 702.126(d)]

Sincerely,
WASTE MANAGEMENT OF ILLINOIS, INC.

Ian C. Johnson, P.E.
Environmental Engineer

xc: Doug Hopkins
Dean Olson

ATTACHMENT 1

UPDATED RCRA TABLE I-2

**TABLE I-2
LARAWAY RECYCLING AND DISPOSAL FACILITY
POST-CLOSURE COST ESTIMATE**

ITEM DESCRIPTION	ASSUMPTIONS & COMMENTS	UNIT	UNIT RATE	NUMBER OF UNITS PER EVENT	NUMBER OF EVENTS	TOTAL
GENERAL MAINTENANCE & INSPECTIONS						
General maintenance of RCRA Unit (all O&M efforts except for specific line items below)	Utilities, labor, and materials	Per Year	\$20,000	1	6	\$120,000
Mow & fertilize vegetative cover	fertilize as needed, mow annual	Per Acre	\$40	55	6	\$13,200
Redress final cover (minor grading & vegetation)	Two acres every five years	Per Acre	\$1,800	2	2	\$7,200
Inspect cover, runoff/runoff systems	4 times/year	Per Inspection	\$500	4	6	\$12,000
Inspect Gas & Leachate Systems	4 times/year	Per Inspection	\$500	4	6	\$12,000
Inspect emergency/safety equipment	4 times/year	Per Inspection	\$250	4	6	\$6,000
Inspect Fence & Gates & Benchmark	4 times/year	Per Inspection	\$500	4	6	\$12,000
GROUNDWATER SAMPLING & ANALYSIS (2)						
Analytical Costs Observation wells	10 wells Semi-Ann. Lists	Per Sample	\$528	10	6	\$31,680
Analytical Costs GMZ wells	27 wells Semi-Ann. Lists	Per Sample	\$536	27	6	\$86,832
Sampling costs (includes elevation only wells)	40 wells for entire yearly program	Per Sample	\$431	40	6	\$103,440
LEACHATE SAMPLING, ANALYSIS & DISPOSAL						
Sampling & Analysis - every year	Full Appendix I list (4 samples/yr)	Per Event	\$1,350	4	6	\$32,400
Monthly level monitoring	DTMs and leachate wells(28 points/month)	Per Sample	\$25	28	72	\$50,400
Leachate Management - O&M	Utilities, labor, and materials	Per Year	\$35,000	1	6	\$210,000
Transportation & Disposal	260 loads/yr @ 4500 gallons/load	Per Gallon	\$0.17	1,170,000	6	\$1,193,400
GROUNDWATER EXTRACTION SYSTEM						
Groundwater Extraction System O&M	Utilities, labor, and materials	Per Year	\$50,000	1	6	\$300,000
REPORT SUBMITTALS/CERTIFICATIONS						
Misc. reporting	groundwater, RCRA, leachate	Per Year	\$15,000	1	6	\$90,000
Post-closure certification	at end of post-closure period	One time	\$5,000	1	1	\$5,000
TOTAL POST-CLOSURE COST						\$2,285,552
2010, 2011, 2012, 2013,2014, 2015, 2016 CPI increases of 1.2%, 2.1%, 1.8%, 1.5%, 1.4%, 1%, 1.3%						\$2,531,512

NOTES:

- (1) Per Permit Log No. B-141R, post -closure to continue until 9/10/2022, or 6 years.
(2) Includes sampling, evaluation, development of contour maps.

ATTACHMENT 2

UPDATED TABLE 13-2

TABLE 13-2
LARAWAY RECYCLING AND DISPOSAL FACILITY
CURRENT OPERATIONAL AREAS POST-CLOSURE CARE COST ESTIMATE

Description	Quantity	Unit	Quantity	Unit	2016 Unit Price	Inflation (%)	2017 Unit Price	Annual Cost (2017)	30 Year Cost
1. Site Inspection and Documentation	3	hours	4	quarters	\$55.34	1.30	\$56.06	\$673	\$20,190
2. Final Cover Maintenance (0.33 acres @ 1')	550	cubic yards	-	-	\$6.09	1.30	\$6.17	\$3,394	\$101,820
3. Vegetation Maintenance/Mowing	116.60	acres	-	-	\$51.97	1.30	\$52.65	\$6,139	\$184,170
4. Vegetation Repair	0.66	acres	-	-	\$1,825.78	1.30	\$1,849.52	\$1,221	\$36,630
5. Miscellaneous Repairs	1	lump sum	-	-	\$1,106.53	1.30	\$1,120.91	\$1,121	\$33,630
6. Leachate Transportation and Disposal (4.2 gal/ac/day)	489.00	gallons/day	365	days	\$0.111	1.30	\$0.112	\$20,070	\$602,100
7. Leachate Collection System Maintenance									
a. Labor	3	hours	52	weeks	\$38.73	1.30	\$39.23	\$6,121	\$183,630
b. Cleaning of leachate collection pipe	8,100	linear feet	-	-	\$0.57	1.30	\$0.58	\$4,678	\$140,340
8. Leachate Monitoring (Analysis and Sampling)									
List L1: 3 samples x 2 events	3	samples	2	events	\$746.80	1.30	\$756.51	\$4,540	\$136,200
List L2: 1 samples/year	1	samples	1	year	\$641.77	1.30	\$650.11	\$651	\$19,530
9. Groundwater & Leachate Sampling and Level Measurements	25	hours	4	events	\$150.00	1.30	\$151.95	\$15,195	\$455,850
10. a. Groundwater Monitoring List G2 semi-annual wells	9	wells	2	events	\$119.00	1.30	\$120.55	\$2,170	\$65,100
b. Groundwater Monitoring List G1 semi-annual wells	9	wells	2	events	\$115.00	1.30	\$116.50	\$2,097	\$62,910
11. a. Groundwater Monitoring List G2 quarterly wells	14	wells	4	events	\$119.00	1.30	\$120.55	\$6,751	\$202,530
b. Groundwater Monitoring List G1 quarterly wells	14	wells	4	events	\$115.00	1.30	\$116.50	\$6,524	\$195,720
12. Groundwater Data Review	12	hours	4	events	\$55.34	1.30	\$56.06	\$2,691	\$80,730
13. Gas Monitoring/Sampling									
a. Labor	25	hours	1	year	\$38.73	1.30	\$39.23	\$981	\$29,430
b. Gas probe analysis	18	samples	4	year	\$38.73	1.30	\$39.23	\$2,825	\$84,750
c. Ambient air monitoring	4	samples	4	year	\$38.73	1.30	\$39.23	\$628	\$18,840
14. Preparation of Annual Reports/Certification of Completion	8	hours	4	quarters	\$88.53	1.30	\$89.68	\$2,870	\$86,100
								Total	\$2,740,200

Notes

1. Routine leachate monitoring performed on a semi-annual basis.
2. Lists L1 and L2 provided in Permit No. B-141R.

