

LC: FYI file

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NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
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May 31, 1996

Mr. James W. Berg, Waste Management Specialist
NH Department of Environmental Services
Solid Waste Compliance Section
6 Hazen Drive
Concord, NH 03301-0509



**RE: Env-Wm 2506.05 Leachate Management Requirements
NCES Stage II Landfill Waiver Approval**

Dear Jim:

Enclosed please find two copies of the Stage I Leachate Generation Monthly Report and the Stage I Secondary Leachate Flow Report for the month of April. As you are aware this report is required by the above referenced Waiver Approval.

The leachate generated within the primary collection system during the month of April was 847 G/A/D. During the month of April we did see an increase in secondary leachate generation over the previous month. We believe this can be attributed to the increase in primary collection. We have been closely monitoring the system during May, to date we have noted a significant decrease.

Per your request we have included record of the daily leachate storage tank volumes on the monthly leachate generation report. Please be advised we have installed a rain gage on site to monitor the precipitation and will be including the data on future reports.

Should you have any questions please don't hesitate to call me at (802) 223-7220.

Sincerely,

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.

Larry B. Lackey, Vice President
Permits, Compliance and Engineering



Enclosures

- cc: John W. Casella, New England Waste Services, Inc.
- James W. Bohlig, North Country Environmental Services, Inc.
- Robert A. Watts, North Country Environmental Services, Inc.
- Donald Monahan, North Country Environmental Services, Inc.

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**STAGE I
LEACHATE GENERATION
MONTHLY REPORT**

APRIL	PHASE I		PHASE II		PHASE III		PHASE IV		CONTINGENCY
DAY	TANK AGE VOLUME	TRANSPORTED	TANK AGE VOLUME	TRANSPORTED	TANK AGE VOLUME	TRANSPORTED	TANK AGE VOLUME	TRANSPORTED	TANK AGE VOLUME
1	12740	5724	7968	0	2792	6069	10696	0	17810
2	11722	4227	9696	5767	2792	0	11182	0	13109
3	11364	5983	4825	0	2792	0	11500	5995	14432
4	9284	4570	6223	0	2792	5981	6421	0	15699
5	7900	5930	7650	6268	2792	0	7285	0	10603
6	11182	10402	2929	0	2792	0	7458	0	11979
7	11182	0	2929	0	2792	0	7458	0	11979
8	9478	5978	5132	0	2792	6004	8497	0	14214
9	6906	4834	7014	6002	2792	0	9185	0	9451
10	6708	0	2007	0	2792	5973	9185	0	11063
11	9672	5892	3349	0	2792	0	10531	0	6285
12	6510	6161	4522	0	2792	0	10531	5964	7624
13	6708	0	6856	0	2792	0	6078	0	5418
14	6708	0	6856	0	2792	0	6078	0	5418
15	14296	12069	10460	0	2792	0	9013	0	8077
16	8100	6118	10460	5930	2792	0	11182	0	10603
17	12410	5990	11633	6170	2792	0	12710	0	11751
18	15000	11923	11202	0	2792	0	14914	0	14214
19	15000	12053	13099	0	2792	5906	14914	6225	16699
20	15000	12110	13340	0	2792	0	12710	0	18482
21	15000	0	13340	0	2792	0	12710	0	18482
22	15000	12211	13340	0	11347	0	12710	5983	18482
23	13924	17919	13340	5098	11347	11839	12565	12342	18482
24	12410	11857	13099	6688	11347	6270	11182	5887	13109
25	12410	11961	13340	12709	11347	0	9864	6230	14647
26	12900	12061	13685	12336	11347	6268	9864	6237	14647
27	12740	6050	11347	12665	11347	6136	11342	0	11522
28	12740	0	11347	0	11347	0	11342	0	11522
29	15000	19563	2929	5995	11347	0	12710	6335	8533
30	2934	25371	10460	0	4825	0	2119	12351	16107
GALLONS TRANSPORTED		236957		85628		60446		73549	
MONTHLY LEACHATE GENERATED	227151		88120		62479		64972		
AVERAGE G/A/D GENERATED	1165		773		548		585		

Total Gallons Transported: 456580 Gallons
Total Site Monthly Leachate Generation: 442722 Gallons
Total Site Average G/A/D Generated: 829 G/A/D

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
 STAGE 1
 1996 SECONDARY LEACHATE FLOW MONTHLY REPORT

APRIL DAY	PHASE I (Gallons)	PHASE II (Gallons)	PHASE III (Gallons)	PHASE IV (Gallons)
1	0	0	0	0
2	0	0	0	0
3	0	74	71	0
4	0	0	0	0
5	100	0	0	0
6	0	0	0	0
7	0	0	0	0
8	424	77	73	0
9	0	0	0	0
10	0	0	0	0
11	0	0	74	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	63	77	668
16	0	0	0	0
17	0	0	0	0
18	0	272	239	543
19	0	147	167	684
20	0	0	0	0
21	0	0	0	0
22	0	155	172	0
23	60	0	0	0
24	0	328	451	0
25	0	172	93	0
26	0	177	189	0
27	0	182	96	378
28	0	0	0	0
29	0	185	97	0
30	0	189	0	0
Average Flow (Gallons/Acre/Day)	2.99	17.73	15.78	20.48

* Note: The secondary pumping system is automatic and initiated by set probe levels in the sump. The leachate collected within the secondary detection zone drains to the sump. When the liquid level in the sump reaches the probe level, the pump will engage and leachate is removed to the holding tanks. The volumes in this report represent the volume collected in the sump prior to initiation of the pump.