

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF APPROVING CHANGE) RESOLUTION NO. 97-2509
ORDER NO. 8 TO THE ST. JOHNS LANDFILL)
CLOSURE OF SUBAREAS 4&5 CONTRACT) Introduced by Mike Burton
) Executive Officer

WHEREAS, As described in the staff report, Metro must remedy gas migration and air infiltration problems at the St. Johns Landfill; and

WHEREAS, As described in the staff report, the current closure contractor is the most appropriate party to perform this work; and

WHEREAS, The closure contract must be amended by the attached change order (EXHIBIT "A") to compensate the contractor for the additional work; and

WHEREAS, Per Metro Code 2.04.058, such an amendment requires Metro Council approval; and

WHEREAS, The resolution was submitted to the Executive Officer for consideration and was forwarded to the Council for approval; now therefore,

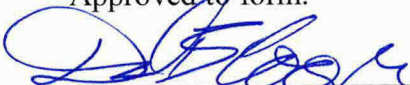
BE IT RESOLVED, That the Metro Council authorizes the Executive Officer to execute Change Order No. 8 to the St. Johns Landfill Closure of Subareas 4 & 5 Contract attached as EXHIBIT "A".

ADOPTED by the Metro Council this 5th day of June, 1997.



Jon Kvistad, Presiding Officer

Approved to form:



Daniel B. Cooper, General Counsel

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Exhibit A

CONTRACT NO. 904184
CHANGE ORDER NO. 8

**MODIFICATION TO THE CONTRACT BETWEEN METRO
AND
L&H GRADING, INCORPORATED**

This change order, dated as of the last signature date below, is entered into between Metro, a metropolitan service district organized under the laws of the State of Oregon and the 1992 Metro Charter, and L&H Grading Incorporated, "Contractor, " pursuant to the Public Contract dated March 17, 1995 (the "original contract"). In exchange for the promises and other valuable consideration described in the original contract, and this change order, the parties agree as follows:

1. The contractor will extend the geomembrane liner approximately 4 feet past the edge of Road "A" along the northern boundary of the landfill from Station 47 + 00 to the eastern boundary of Sedimentation Basin N-2, a distance of 2520 feet. The edge of liner will end in a 2' deep shallow "V" trench per details furnished in Request for Proposal #4.
2. The purpose of this change is to add a barrier to prevent landfill gas from escaping at the edge of the landfill cover and to prevent entry of oxygen into perimeter gas wells. Liner was installed about 12' short of the edge of the road between Sedimentation Basin N-2 and N-3, a distance of about 1650 feet.
3. The increase in quantities and elements of cost will be as follows:
 - a. Estimated increase in Unit Price Items.

BI#	Description	Est. Increase in Quantity	Unit Price	Cost Increase
8	Imported Topsoil	367 cy	10.00 =	3,670.00
17	Geomembrane	3,820 sy	3.20 =	12,224.00
18	Geotextile	1,762 sy	2.00 =	3,524.00
21	Crushed Surfacing Base Course	1,467 cy	16.00 =	23,472.00
Total Increase in Unit Price Items				\$ 42,890.00

- b. Lump Sum for uncovering edge of liner, excavation of ditch, increase in difficulty on unit price work, remobilization, etc. \$70,200.00
- c. Total Estimated cost of change \$113,090.00

4. The total increase in cost of the contract as a result of this change will be ONE HUNDRED THIRTEEN THOUSAND NINETY AND NO/100 DOLLARS (\$113,090.00)

5. Except as modified herein, all other terms and conditions of the original contract remain in full force and effect.

L & H GRADING INC.

METRO

Signature

Signature

Print Name and Title

Print Name and Title

Date

Date

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STAFF REPORT

IN CONSIDERATION OF RESOLUTION NO. 97-2509 FOR THE PURPOSE OF APPROVING CHANGE ORDER NO. 8 TO THE ST. JOHNS LANDFILL CLOSURE OF SUBAREAS 4&5 CONTRACT

Date: May 5, 1997

Presented by: Jim Watkins

PROPOSED ACTION

Adopt Resolution No. 97-2509 to authorize execution of Change Order No. 8 to the current St. Johns closure contract.

FACTUAL BACKGROUND AND ANALYSIS

Metro is experiencing problems with gas leakage and oxygen infiltration at the perimeter of the landfill cover at the St. Johns Landfill. For instance, landfill gas has been detected migrating under the edge of the cover along a portion of the north and northeast perimeter road. When the vacuum is increased on the adjacent gas wells to counteract the leakage, the situation reverses and air is pulled into the wells. The presence of oxygen in the waste increases the risk of landfill fires. Both of these conditions must be remedied.

Change Order No. 8 to the closure contract would fix these problems by extending the liner and creating an anchor trench. This is expected to effectively seal this area from gas being able to migrate off-site or air being pulled in.

The change order would utilize existing unit prices for materials used in the work, as well as a lump sum payment, which includes mobilization.

The current closure contractor, L & H Construction, is the appropriate party to perform the work since it is familiar with the problem and the proposed solution, as well as being currently onsite. In addition, the quality of the contractor's work has been outstanding. The firm will therefore provide the most cost-effective solution.

BUDGET IMPACT

Contract No. 904184 will increase in value from \$7,051,926 to \$7,165,016 or less than 2%. Funds have been budgeted in FY 97\98 for the proposed environmental improvements.

EXECUTIVE OFFICER RECOMMENDATION

The Executive Officer recommends approval of Resolution No. 97-2509.