OhioEPA

State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Road
Twinsburg, OH 44087-1924

TELE: (330) 963-1200 **FAX:** (330) 487-0769
www.epa.state.oh.us

Bob Taft, Governor
Bruce Johnson, Lieutenant Governor
Joseph P. Koncelik, Director

July 10, 2006

Ms. Allison Knowles
Von Roll America, Inc.
1250 St. George Street
East Liverpool, Ohio 43920

RE: Hazardous Waste Permit Modification Class 1A Approval
Reduce Riverbank Survey Frequency
Von Roll America (VRA), Inc. OHD 980 613 541 / 02-15-0589

Dear Ms. Knowles:

Ohio EPA received a request dated May 11, and addendums dated June 13 and June 15, 2006, for a Class 1A (Class 1 requiring prior approval) hazardous waste permit modification (tracking number - OHD 980613541 - 060512-1A-1) from Von Roll America (VRA), Inc. With this letter, Ohio EPA approves the above referenced Class 1A modification submitted pursuant to Ohio Administrative Code Rule 3745-50-51.

FOR APPROVAL

The following modification has been made to your Ohio Hazardous Waste Facility Installation and Operation Permit, journalized on March 23, 2005, and the Part B permit application.

The Class 1A permit modification will reduce the frequency of standard survey observations from once every six months (semi-annual) to once every five years.

During construction, fill was added to increase the surface elevation of the facility. Survey observations were conducted to confirm the soil integrity of the sheet pile wall along the riverbank and to detect any lateral soil shift due to the weight of the VRA structures. The first observation was completed and documented in December 1992 and surveys have been conducted every six months since that time. Over the course of 14 years, no significant movement has been detected. Variations in measurement, when noted, have been in several hundredths of an inch (Northing, Easting, and elevation measurements).

Based on the data collected, VRA believes, and Ohio EPA agrees, the fill foundation of the site is stable and semi-annual surveys are no longer warranted. In addition to the surveys conducted every five years, VRA will continue to conduct monthly visual inspections of the sheet piling wall. If signs of movement of the soils are observed, VRA will initiate a standard survey observation to assess the situation.

The modification will require changes to Section B, Facility Description; Section F, Procedures to Prevent Hazards; and the VRA Ohio Facility Hazardous Waste Installation and Operation Permit.

Section B
Replace Cover page with Revision 5, dated May 11, 2006;
Replace Page B-12 with Revision 5, dated May 11, 2006.

Section F
Replace Cover page with Revision 6, dated May 11, 2006;
Replace Page F-14 with Revision 6, dated May 11, 2006;
Replace Attachment F.2 Cover page with Revision 6, dated May 11, 2006;
Replace Attachment F.2 with Revision 6, dated May 11, 2006;
Replace Attachment F.4 Cover page with Revision 6, dated May 11, 2006;
Replace Riverbank Inspection form in Attachment F.4.

Permit
Permit Page 21, Condition B.8, Location Standards;
Permit Page 33, Condition B.44, Inspection of Riverbank and Fill Material.

Attached are copies of the permit page revisions and the revised pages of the Part B permit application. This has been included to ensure that all involved parties have written confirmation of the changes.* If you have any questions concerning this action, please contact Patricia Natali at the Ohio EPA East Liverpool field office, (330) 385-8447, or the Ohio EPA Northeast District Office, (330) 963-1279.

Sincerely,

for William Skowronski, Chief
Northeast District Office

WTS/PN/cl
Enclosure

cc: Patricia Natali, DHWM, NEDO
Frank Popotnik, DHWM, NEDO
John Gaitskill, USEPA, Region V
Michelle Tarka, DHWM, NEDO
Pamela Allen, Manager, ITTSS, DHWM, CO
Jeremy Carroll, Supervisor, Engineering Unit, DHWM, CO
John Nyers, DHWM, CO
Sherry Slone, DHWM, NEDO

RECEIVED
OHIO EPA
JUL 12 2006
DIV. OF HAZARDOUS
WASTE MGT.

*Also, in accordance with Ohio Administrative Code Rule 3745-50-51(D)(1)(a)(ii), *Von Roll America, Inc.* shall send a notice within 90 days of an approved Class 1A Modification to all persons on the Agency mailing list. An updated mailing list can be obtained by contacting Pamela Allen at (614) 644-2980, or by e-mail at pamela.allen@epa.state.oh.us.

B.7. General Requirements for Ignitable, Reactive, or Incompatible Waste
OAC Rule 3745-54-17

(a) The Permittee shall comply with the requirements of OAC Rule 3745-54-17 and shall follow the procedures for handling ignitable, reactive, and/or incompatible wastes set forth in the approved Part B permit application (e.g. Sections C, D, F, and G) and the terms and conditions of this permit.

(b) The Permittee shall provide electrical grounding for all containers, tanks, and transport vehicles during all operations involving the handling of ignitable or reactive wastes.

(c) The Permittee shall provide, and require the use of, spark proof tools during all operations involving the handling of all ignitable and/or reactive wastes.

(d) The Permittee shall prohibit smoking and open flames in each area where ignitable, reactive, and/or incompatible hazardous wastes are managed, as well as other active areas on-site, and shall post appropriate signs.

(e) All wiring and electrical equipment at the to-be-constructed portions of the facility shall meet the National Fire Protection Association's standards for hazardous locations (See National Fire Protection Association, "National Electric Code" National Fire Codes, 1985 Edition, Vol. 3, Chapter 5, Special Occupancies, Articles 500-503, pp. 176 through 189).

B.8. Location Standards
OAC Rule 3745-54-18

(a) The Permittee shall construct, operate, and maintain the facility to prevent washout of any hazardous waste as required by OAC Rule 3745-54-18(B) and as specified in Section B of the approved Part B permit application.

(b) ~~On a semi-annual basis~~ Once every five years, the facility will have a survey conducted to take measurements and record data relating to the site grade and fill. These inspections will ensure that fill material and underlying soils remain stable and that no movement occurs which may compromise the integrity of the foundation at the facility. This is in accordance with Permit Condition B.44, Inspection of Riverbank and Fill Material.

JUL 10 2006
OHIO EPA NEDO

B.44. Inspection of Riverbank and Fill Material

(a) The inspection procedures, schedules, and criteria for riverbank and fill material shall follow the outline in Section F of the approved Part B permit application and shall include the following:

(i) a visual evaluation of the effects of erosion along the bank of the Ohio River adjacent to the facility;

(ii) an inspection of the soil integrity in the area of the installed sheet pile wall through visual inspections and standard surveying techniques; and

(iii) at a minimum, visual inspections shall be conducted on a monthly basis and surveying inspections shall be conducted once every ~~six months~~ five years unless visual inspections indicate movement of the soils.

The results of the completed standard survey observations shall be submitted to the Ohio EPA/DHWM within thirty days of receipt by the Permittee.

(b) Monitoring shall be conducted in accordance with Section F of the approved Part B permit application and Permit Conditions B.8.(b) and B.44.(a). The results shall be maintained as part of the facility's operating record.

(c) The Permittee shall take corrective action as necessary to remediate any conditions detected through the inspection procedures outlined in Permit Conditions B.8.(b) and B.44.(a) and Section F of the approved Part B permit application which may cause deterioration of the integrity of the facility's foundation.

B.45. Stack Height

The height of each of the exhaust stacks shall be 150 feet. The elevation at the base of the stacks shall be, at a minimum, 695 feet above sea level. The outlet of the stacks shall not be greater than 850 feet above sea level unless approved according to the Ohio Hazardous Waste Rules and the Ohio EPA Division of Air Pollution Control.

B.46. Prohibition of Shipping Hazardous Waste to VRA/WTI Using the Ohio River.

No hazardous waste will be shipped to the facility by way of the Ohio River.

JUL 10 2006
OHIO EPA NEDO