

Kieling ST 25

# METRIC

Corporation ENVIRONMENTAL ENGINEERING AND SCIENCE



April 22, 2005

United States Environmental Protection Agency  
Region VI – Technical Section (6EN-HX)  
Compliance Assurance & Enforcement Division  
1445 Ross Avenue  
Dallas, TX. 75202  
Attn: Sparton Technology, Inc. Project  
Coordinator Charles A. Barnes (3 copies)

Permits Program Manager  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM. 87505-6303  
Attn: Sparton Technology, Inc.  
Project Coordinator John Kieling

Director, Water & Waste Management Division  
New Mexico Environment Department  
1190 St. Francis Drive, 4<sup>th</sup> Floor

Chief, Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1

Chief, Groundwater Quality Bureau  
New Mexico Environment Department  
1190 St. Frances Drive, 4<sup>th</sup> Floor  
Santa Fe, NM. 87505

Mr. Baird Swanson  
New Mexico Environment Department  
4131 Montgomery, NE.  
Albuquerque, NM. 87109

Subject: Sparton Technology, Inc. Former Coors Road Plant Remedial Program, Request to Modify the Source Containment System Approved Workplan

Gentlemen:

On behalf of Sparton Technology, Inc., METRIC Corporation is pleased to submit the subject Request to Modify. The Request to Modify was prepared by METRIC Corporation.

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of either the person or persons who manage the system and/or the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I further certify, to the best of my

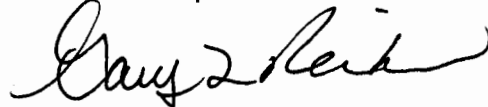
New Mexico Environment Department  
April 22, 2005  
Page 2

knowledge and belief, that this document is consistent with the applicable requirements of the Consent Decree entered among the New Mexico Environment Department, the U.S. Environmental Protection Agency, Sparton Technology, Inc., and others in connection with United States Environment Protection Agency Civil Action No. CIV 97 0206 LH/JHG, United States District Court for the District of New Mexico. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions concerning the report, please contact.

Sincerely,

METRIC Corporation



Gary L. Richardson, P.E.  
Executive Vice President

cc: Secretary, Sparton Technology, Inc., c/o Ms. Susan Widener, w/1 copy  
Ms. Susan Widener, w/1 copy  
Mr. James B. Harris, w/1 copy  
Mr. Tony Hurst, w/2 copies  
Mr. Stavros Papadopoulos, w/1 copy

GLR/mkd

**SPARTON TECHNOLOGY, INC.  
FORMER COORS ROAD PLANT REMEDIAL PROGRAM**

**REQUEST TO MODIFY  
APPROVED SOURCE CONTINMENT SYSTEM  
WORKPLAN**

**Prepared by  
METRIC Corporation  
April 22, 2005**

**INTRODUCTION**

The former Coors Road Plant (*Site*) of Sparton Technology, Inc. (*Sparton*) is located at 9621 Coors Boulevard NW, Albuquerque, New Mexico. Past waste management activities at the Site had impacted the groundwater beneath and down gradient from the Site. Under the terms of the Consent Decree signed on March 3, 2000, Sparton implemented an off-site and a source containment system to address groundwater contamination, and is currently operating these systems. Each containment system consists of an extraction well, CW-1, and CW-2 and associated water treatment and recharge facilities.

The source containment system was placed into operation on January 3, 2002. The rapid infiltration ponds associated with the system have operated better than was anticipated. Since the system was placed into operation, only two ponds at a time have been used to achieve infiltration of the treated water. Ponds 5 and 6 (see FIGURE 1) only received discharge during January, February and March 2002.

Sparton proposes to backfill ponds 5 and 6 and convert the area to other uses. Sparton will however, retain the legal right to recover all the original pond area if that area is needed to achieve infiltration of the treated water.

## **MODIFICATIONS**

The discharge pipelines to ponds 5 and 6 will be capped inside the water treatment building. The overflows from ponds 3 and 4 into pond 5 and the overflow from pond 5 to pond 6 will be removed. A new overflow will be constructed from pond 3 to pond 4. The float well (containing the high pond water level shutdown switch) will be relocated to pond 4.

Subsequent to these modifications, ponds 5 and 6 will be backfilled with clean fill dirt to the grades shown on FIGURE 2. The soil will be compacted sufficiently to allow installation of an asphalt parking lot surface.

The chain-link fence located along the southwest sides of ponds 5 and 6 and the southeast side of pond 6 will be removed. A new fence will be constructed along the southeast sides of ponds 3 and 4 to control access to the remaining four ponds.

The proposed grading and paving of ponds 5 and 6 has been approved by the City of Albuquerque, Planning Department on October 4, 2004 (see Appendix A).

# **APPENDIX A**

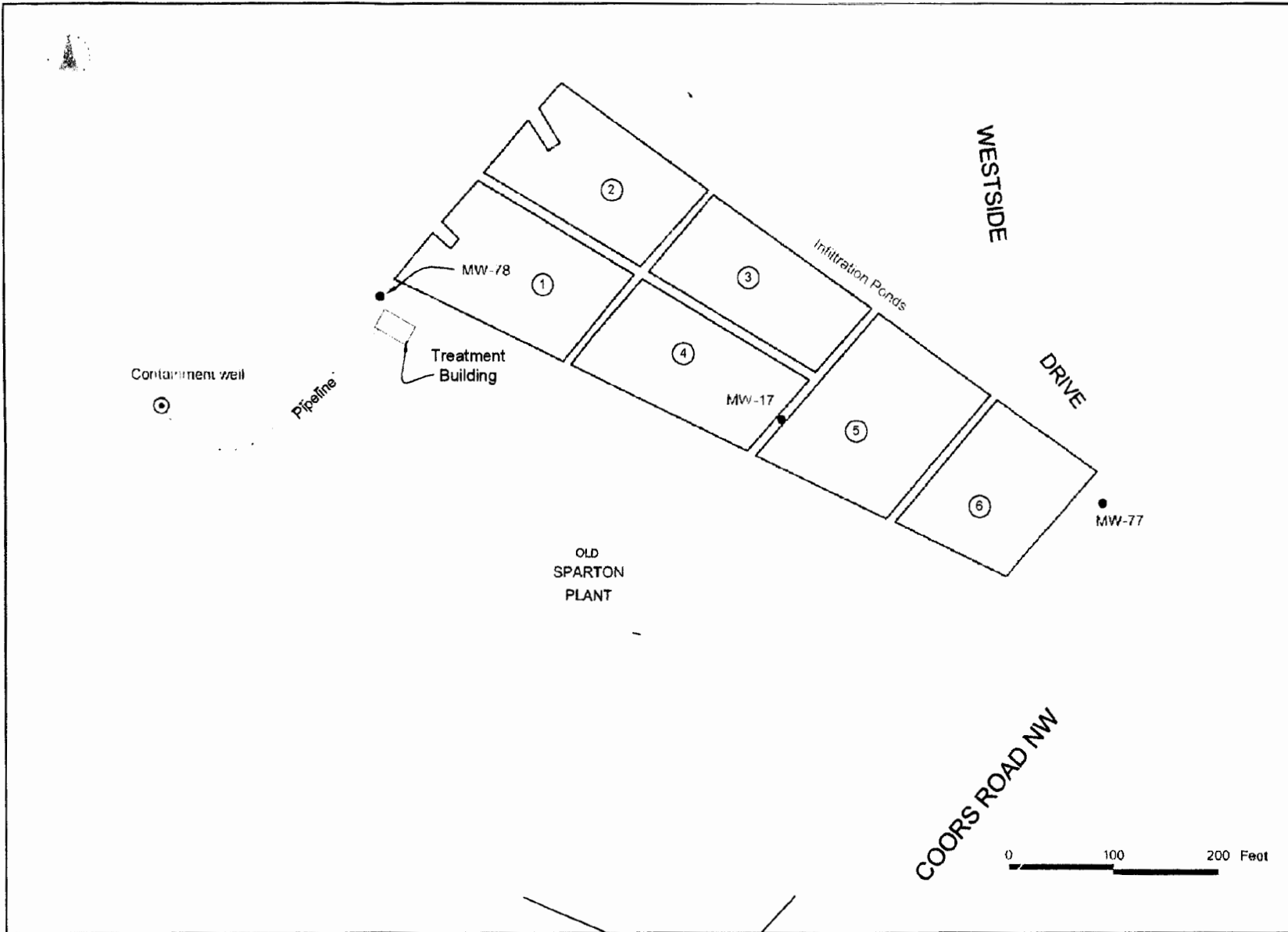
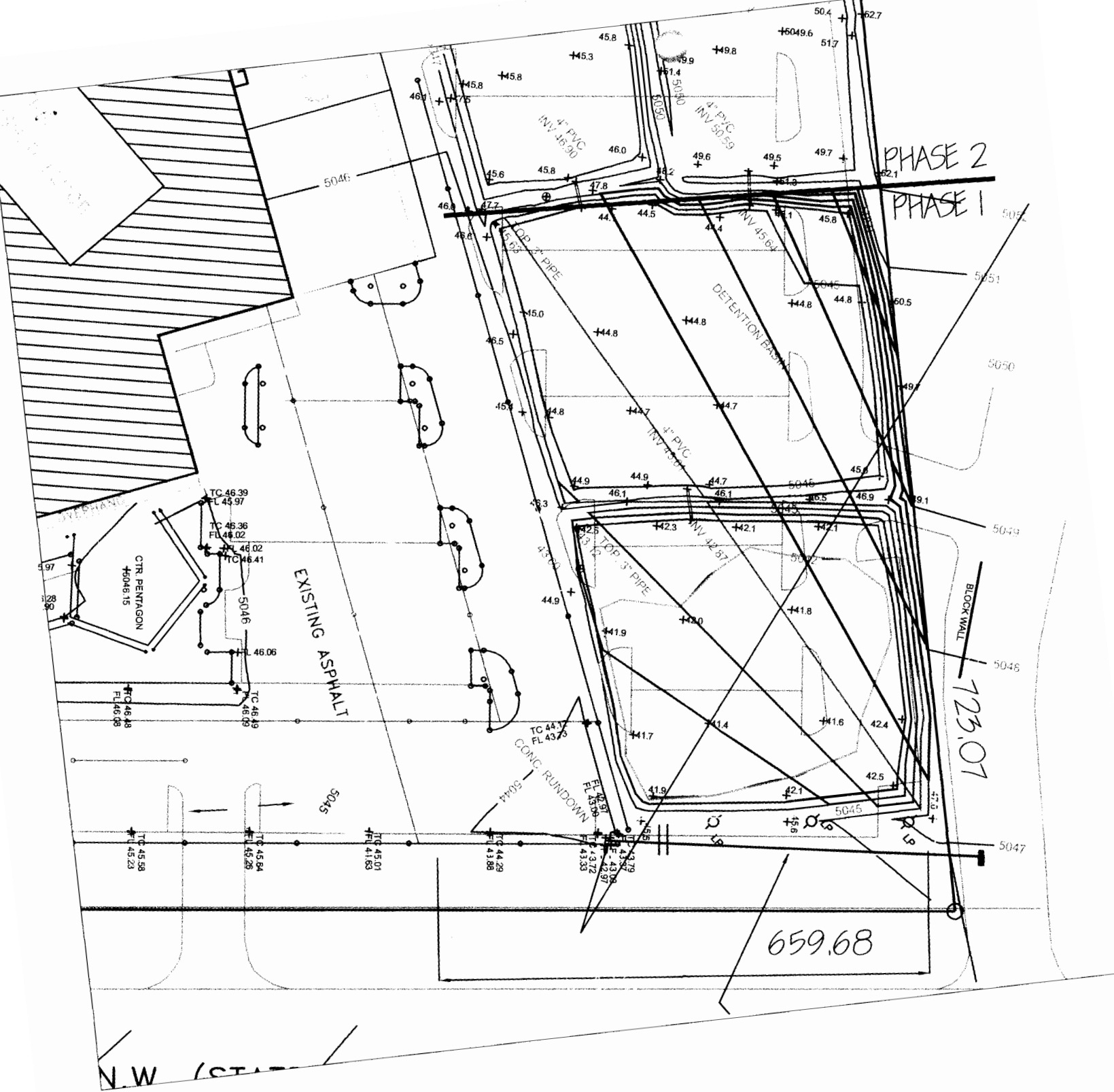


Figure 1 Layout of Source Containment System



**FIGURE 2**  
**MODIFICATIONS**  
**FOR PONDS 5&6 AT**  
**SPARTON'S**  
**COORS ROAD FACILITY**