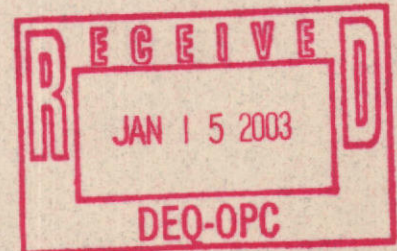


**NORTH DRAINAGE CHANNEL  
SITE CHARACTERIZATION REPORT**



**Kuhlman Electric Corporation  
Crystal Springs, Mississippi**

**FILE COPY**

Prepared for

**BorgWarner Inc.**

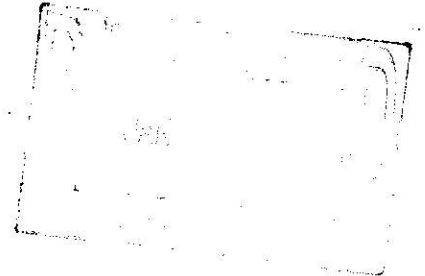
January 2003

**NORTH DRAINAGE CHANNEL  
SITE CHARACTERIZATION REPORT**

**Kuhlman Electric Corporation  
Crystal Springs, Mississippi**

Prepared for

**BorgWarner Inc.**



**FILE COPY**

Prepared by

**MARTIN&SLAGLE GeoEnvironmental Associates, LLC  
PO Box 1023  
Black Mountain, North Carolina**

January 2003

Robert L. Martin

**Robert L. Martin, L.G.  
Project Manager**

Christine E. Slagle

**Christine E. Slagle  
Senior Scientist**

## TABLE OF CONTENTS

### **NORTH DRAINAGE CHANNEL SITE CHARACTERIZATION REPORT Kuhlman Electric Corporation Crystal Springs, Mississippi**

<b>1.0</b>	<b>Executive Summary</b>	<b>1-1</b>
<b>2.0</b>	<b>Introduction</b>	<b>2-1</b>
2.1	Background	2-1
2.2	Site History	2-2
2.3	Current and Former Land Use	2-3
2.4	Previous Investigations	2-4
<b>3.0</b>	<b>Investigative Activities</b>	<b>3-1</b>
3.1	Property and Sample Survey	3-1
3.2	Source Area Characteristics	3-1
3.3	Soil Characteristics	3-2
3.4	Surface Water and Sediment Characteristics	
3.5	Ground Water/Aquifer Characteristics	3-3
<b>4.0</b>	<b>Site Characterization</b>	<b>4-1</b>
4.1	Source Area	4-1
4.2	Site Description	4-1
4.3	Regional Geology	4-1
4.4	Regional Hydrogeology	4-2
4.5	Site Geology	4-3
4.6	Site Hydrogeology	4-5
4.7	Human/Target Populations Survey	4-5
4.8	Area Water Well Survey	4-5