

## **EXPERIENCE WITH REMEDIATION PROJECTS**

### **One hundred year old foundry along the Fox River**

Consultant for owner and site developer.

Assisted in responding to Compliance Order from Illinois AG for site cleanup and closure of the manufacturing operations and buildings.

Conducted extensive soil and groundwater investigation, and assisted with remediation.

Met with AG representatives, IEPA and local officials. Site is being developed as residential.

NFR status is being negotiated as part of settlement with Illinois AG.

### **Hard-chromium electroplating facility in Chicago**

Consultant for facility owner.

Provided services related to the cleanup of metal contamination that is leaving property.

Meetings with IEPA, MWRD, Illinois AG staff.

Performed soil investigation, prepared a remediation plan and special permit application for groundwater treatment and discharge to MWRD.

This project is still ongoing.

### **Large manufacturing company (1000 employees) in suburban area with metal machining**

Consultant for facility owner.

Provided services related to waste oil coolant UST & heating oil USTs, including removal and remediation, soil and groundwater investigations.

Prepared Corrective Action Plans & Completion reports

2 NFRs received

### **Large manufacturer with steel coil coating, heat-treatment and steel rolling mill**

Consultant for owner.

Assisted with removal and remediation of waste paint & heating oil USTs,.

Conducted soil and groundwater investigations.

Prepared Corrective Action Plan & Completion report.

NFR received

### **Auto dealer in Chicago**

Consultant for owner.

Assisted with UST removal & remediation while business remained open.

Documented successful remediation and successfully obtained NFR.

### **North suburban high school**

Consultant for owner.

Provided services related to contamination from gasoline UST.

Performed ground water investigation, long term monitoring, and successfully received NFR.

## **OTHER SITE REMEDIATION PROJECTS**

### **Suburban manufacturer and supplier of liquid asphalt and coal tar products**

Consultant for buyer for an adjacent chemical facility; the intent was to make sure the owner cleaned up the site to the buyer's satisfaction.

Reviewed and advised on soil investigations by Admiral and others.

Reviewed and advised on remediation work performed by others.

The seller obtained the NFR after the property transaction was completed.

### **Metal fixture manufacturer and electroplating facility, located near the Fox River.**

Consultant for buyer of this facility; conducted extensive soil and groundwater investigation and identify budget costs for the purchase negotiations. Purchase successfully completed and buyer continues to operate the business.

The buyer has chosen to not to apply for Site Remediation Program yet.

### **Manufacturer of HVAC blowers and fans**

Consultant for owner.

Facility has paint booths and two fuel oil USTs, and previously operated a large a TCE degreaser.

Sampled to assess soil and groundwater contamination and identified corrective action options.

Because of the extent of TCE contamination and groundwater involvement, we assisted owner in hiring an experienced contractor to handle the remediation and apply for the Site Remediation Program.

### **Screw machine and fastener products manufacturer, located near the Fox River**

Consultant for owner.

Facility uses a TCE degreaser, with punch presses and machining.

Sampled and identified soil contamination (oils) that may have been leaching into waterway, and prepared Compliance Commitment Agreement for violation notice.

### **Printed circuit board manufacturer with electroplating and coating operations**

Consultant for owner to identify soil contamination as part of selling business and property.

Performed soil sampling, identified extent of problems to satisfy buyer, and prepared action plan for Site Remediation Program. Buyer took over the project at that point.

### **Electroplating and heat treatment company in Elk Grove Village**

Consultant for owner.

Facility received a violation notice from IEPA for a chemical spill.

Performed focused site investigation, with soil and surface water samples, and prepared response to IEPA to resolve violation.

## **RELATED SITE CLEANUP EXPERIENCE**

### **Hazardous waste storage closure at manufacturing facilities that generated hazardous waste.**

Included preparation of Closure Plans, perform soil & groundwater investigations, develop remediation plan and oversee the remediation activities and document closure for approval by IEPA. The intent was to resolve violation issues, cost effectively remediate and close the storage areas, all while the clients remained in business.

Facilities included:

- Two printed circuit board manufacturers
- A large electronic connector facility with punch presses and electroplating operations
- An electrical component manufacturer with electroplating and metal fabrication
- A rubber print roller refurbisher
- An aluminum anodizing facility