

# **[Confidential] Case Study**

## ***Groundwater contamination***

### **What was the client's issue presented to WWC?**

The problem was that a lined disposal pond had a damaged liner. Process water was exiting the liner and contaminating soils and groundwater.

### **How did WWC brainstorm and collaborate with the client to find a solution?**

WWC guided the client through the process of regulatory compliance for environmental reporting and cleanup.

### **What was the solution chosen by WWC?**

WWC and the client chose to excavate contaminated soils to the maximum possible extent. Excavated soils were hauled to a nearby disposal facility. WWC directed excavation to minimize excavation of soils clean enough to remain in place.

### **Why did WWC choose this solution?**

WWC chose this option to remove the contamination source as soon as possible to reduce continued release to uncontaminated soils and groundwater.

### **What was the final result of the completed project?**

The result was that the regulatory agency required the installation of groundwater monitor wells to sample water and measure contaminant levels. Ongoing monitoring has shown that by removing the highly contaminated soils, groundwater contamination is reducing to below cleanup levels. This means that further remediation will likely not be necessary.

### **How was the outcome defined as good or effective for your customer?**

This was an effective solution for the customer because the primary remediation was completed while removing the lined pond from service and excavating the contaminated soils. Therefore, a long-term remediation solution has likely been avoided.

### **How did the chosen solution save the client time, energy, or money?**

Through being proactive and removing the primary source of contamination before it continued to spread, the client has avoided a larger remediation project and higher concentrations of contamination. Since a long-term remediation project probably won't be necessary, the client

will save money, energy, and time. The site will likely receive final closure sooner.

**Why did WWC feel the solution chosen was the best choice?**

WWC was the best choice because of our flexibility and innovative approach to balance environmental remediation with cost savings in a timely manner.

**Notes:**

While the site is still being monitored, the trend of monitoring results indicates that the site is nearing closure.