

Gradient Corporation



NEWS ALERT

MGP Sediment Management

Sediment contamination at former manufactured gas plants (MGPs) is often the most significant environmental impact and carries with it the highest remediation costs. Effective assessment and remediation of sediment impacts poses unique technical challenges that need to account for the complex relationship between:

- NAPL (tar) presence;
- Sediment chemistry;
- Sediment transport;
- Chemical (e.g., PAHs, cyanide, metals) bioavailability; and
- Ecological effects.

Given these complexities, pertinent technical expertise, combined with effective communication and negotiation skills, are paramount to finding sensible solutions that achieve broadly stated regulatory standards.

For more than two decades, Gradient has addressed a wide range of contaminated sediment issues, including those related to MGP tar and PAHs, at some of the most complex sites in the nation. Our core expertise in contaminant fate and transport, human health and ecological risk assessment, and environmental chemistry, coupled with our extensive MGP experience (over one hundred plants nationwide), has been instrumental to our success in identifying cost-effective and equitable solutions for our clients.

Gradient's MGP sediment services and experience includes:

- Site and risk characterization;
- Ecological and human health risk-based remedial strategies;
- Environmental forensics;
- Natural Resources Damage (NRD) claims; and
- Cost allocation and recovery.

For more information on Gradient's [MGP](#), [Sediment Management](#), or [Eco-Risk](#) services, contact:

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Also, please [let us know](#) if you would be interested in attending our upcoming sediments webinar.

