



AIM ENVIRONMENTAL GROUP
Intelligent Strategies. One Source. Dependable Results.

NEWSLETTER

Volume 1 Edition 1

THIS SITE DECOMMISSIONING PROJECT WAS DEFINITELY ONE OF OUR HIGH POINTS.

It's not every day that one of your clients asks to demolish down a stack that is about one and one third times the length of a football field. But that's exactly what they did ask us to do just recently, as part of the complete decommissioning of one of their waste energy plants.

[Read More.](#)



CHOOSY CLIENTS CHOOSE AIM. HERE ARE A FEW GOOD REASONS WHY.

At the risk of being a little self-serving, there are a great many reasons why a company like The Aim Environmental Group would make an outstanding choice for any project within the realm of our expertise.

[Read More.](#)

THE FULL EXTENT OF AIM'S SITE REMEDIATION & PCB REMOVAL CAPABILITIES ARE PUT TO THE TEST.

Recently, one of our clients acquired a substantial site which required a total decommissioning and brown field redevelopment. We were pleased to be their choice for this large and extensive project. The reasons why and the project itself make for some very interesting reading.

[Read More.](#)



DEMOLITION

[Find Out More](#)



COMPOSTING

[Find Out More](#)



REMEDIATION

[Find Out More](#)



AIM ENVIRONMENTAL GROUP

400 Jones Road Stoney Creek, Ontario L8E 5P4

Phone: 905 560-0090 Fax: 905 560-0099

Email: theo@aimgroup.ca Web: <http://www.aimgroup.ca>



THIS SITE DECOMMISSIONING PROJECT WAS DEFINITELY ONE OF OUR HIGH POINTS.

It's not every day that one of your clients asks to demolish down a stack that is about one and one third times the length of a football field. But that's exactly what they did ask us to do just recently, as part of the complete decommissioning of one of their waste energy plants.

Recently an Aim Group client in the London, Ontario area made the decision to decommission one of their waste energy processing plants. The plant had been around for a number of years and was recently starting to exhibit decreasing levels of reliability.

We were contracted to undertake a complete decommissioning of the site. And we were challenged to do this in the most cost effective way possible.

The decommissioning of a site can involve a number of different processes which can vary greatly from project to project, depending upon what the site was being used for and what the new end use is intended to be. When any of the elements of a decommissioning project lie outside our own internal areas of expertise, we work with allied partners in the consulting, construction, engineering and waste management areas, to form strong project teams and achieve the results our clients are looking for.

The processes entailed by this particular decommissioning project included: hazardous and non-hazardous waste removal, recycling and disposal, several demolitions and the dismantling of the steam turbine.

The site itself consisted of several steel and concrete buildings, one of which housed a large steam turbine, which was still functional. In addition to the buildings there was also a 400 foot high stack. All but one of the structures and the 400' stack required demolition. The project also included the removal, handling and disposal of a good deal of both hazardous and non-hazardous waste materials. With regards to the steam turbine, we were to dismantle it and remove and recycle all waste from the turbine and the plant itself.

The first step in this process was the collection and removal of all hazardous and non-hazardous waste.

Next came the demolition phase. Unlike most demolition companies, which are highly specialized and seldom, if ever, offer re-construction services, Aim looks at all decommissioning challenges from the engineering perspective. In this case, by re-building and re-purposing a large interior wall to make it fully functional as an exterior wall, we were able to avoid taking down the entire building as a result of the demolition of its adjacent structures.

The dropping of the 400 foot stack was achieved in a highly precise manner. This in turn, prevented damage to any of the neighbouring structures or property and added expense to the project. As you can well imagine, dropping a stack of this size is a very exciting process and one which we recorded on video. [Click here to see our stack demolition video.](#)

The entire decommissioning project was completed on time and within budget parameters. In fact, by finding a buyer for the dismantled steam turbine, we were actually able to reduce the entire cost of this project for the client by a full 20%.

The Aim Group thrives on complex challenges such as decommissionings of this nature. Our success rate with projects of this kind is something we point to with a great deal of pride. The challenges which crop up on a daily basis during any given decommissioning project are formidable, as are the solutions which are invariably brought forth to facilitate the safe and trouble free completion of these complex projects.

It's all part of something we refer to as The Aim Environmental Advantage--powerful packages of environmental solutions delivering the value, reliability and expertise that you can expect and trust, from one of North America's foremost Environmental Solutions Company.



CHOOSY CLIENTS CHOOSE AIM. HERE ARE A FEW GOOD REASONS WHY.

At the risk of being a little self-serving, there are a great many reasons why a company like The Aim Environmental Group would make an outstanding choice for any project within the realm of our expertise.

Our experience and our track record are second to none in our industry. We choose our strategic alliances with the same analytical approach that we apply to our projects. And our people bring to bear many years of hands on experience with and a deep understanding of a wide range of technologies on each and every project.

We call our product the The Aim Environmental Advantage. These are powerful environmental solutions delivering value, reliability and expertise that you can trust.

But this isn't really about us. It's about you as a current or potential client. It's about what you demand from a company that's going to play a critically important role in your business, both from an operational and a public perception perspective.

Having said that, we offer the following five reasons why Aim should be your obvious choice.

Strategic Thinking

It's one thing to be able to perform in the field—to accomplish and succeed at whatever the task at hand might be. But it's quite another to think your way through the process beforehand, leaving no stone unturned before recommending and embarking on a course of action.

It's a crude metaphor, but one of the most important things we have learned over the hundreds of projects we have completed is that there's always more than one way to skin a cat. New

solutions are appearing with startling regularity. Technologies and approaches than can simplify a process, make it safer, faster, better or a more responsible approach to take.

At Aim, we keep absolutely up to the second with technological advancements and the companies responsible for them. This means that the solutions we recommend to our clients will always be in the best interest of our clients' need for an outcome that will not affect the company in any adverse way.

Client Confidentiality

Because of the extremely sensitive nature of our work, and the simple fact that one tiny bit of the information in the wrong hands can create a public relations nightmare for any client who might need our services, we have always been extremely sensitive to the issue of confidentiality.

In many cases, the necessity to hire us has been brought about by: a situation which the client didn't even know was occurring, an accident of one kind or another or the acquisition of a property or equipment which was already in a state of contamination.

Unfortunately the media does not always examine these situations objectively and even when they do, there is always a strong tendency to lead with a negative.

Therefore, our policy on confidentiality is a simple one. It's absolute.

Extreme Diligence

Because of our dependence on various forms of expensive equipment and techniques, the large number of strategic alliances involved in many projects and the client's need to have disruptions at an absolute minimum, Aim is very strongly driven by deadlines and added value.

We take our deadlines very seriously. Not just because our client's reputations depend on it. But because ours does as well. Our ability to muster and make use of the finest resources in the industry, achieve preferential rates with our suppliers and maintain our high standards of performance is all driven by our diligence, professionalism and ability to adhere to the schedules we set.

Living Up To Our Middle Name

The middle name of the Aim Environmental Group speaks volumes about our commitment to finding solutions that conquer our clients' challenges while absolutely minimizing the impact of our work on the environment.

Very much a part of making sure our clients are seen as good corporate citizens is our being one too. And so a great deal of the effort we put into planning the strategies of our work have to do with deciding on what options for getting things done effectively will exert zero or absolutely minimal effect on the environment.

Always Putting Safety First

There's an old expression that says 'accidents will happen'. And while we don't deny that possibility, we are absolutely fanatical about making sure that possibility is simply not a factor in our work.

Part of how we achieve this high level of safety is through extensive health and safety programs to make sure our people are completely conversant with all the latest safety techniques. In this regard we are 100% risk averse.

We will never put a deadline or a potential shortcut ahead of the safety of our people. Never.



THE FULL EXTENT OF AIM'S SITE REMEDIATION AND PCB REMOVAL CAPABILITIES ARE PUT TO THE TEST.

Recently, one of our clients acquired a substantial site which required a total decommissioning and brown field redevelopment. We were pleased to be their choice for this large and extensive project. The reasons why and the project itself make for some very interesting reading.

The site was comprised of four buildings in sizes that varied from very large to small.

The decommissioning of this site involved a number of different aspects including:

- A large asbestos abatement project
- Demolition of the buildings on the site
- The removal and treatment of soils which had been contaminated with hydrocarbons
- A substantial PCB removal project

The site formerly housed a electrical transformer manufacturing company that dated back to the 1940s. A great many of the transformers which were manufactured and serviced there contained oil with high levels of PCB. The PCB-laden oil had contaminated approximately 7000—8000 square metres of concrete floor.

This contamination was originally estimated to be 400 tonnes of PCB-laden concrete, but when we began the project it was quickly discovered that because of the depth of contamination, in many cases about 6 inches into the concrete, the actual amount of contaminated concrete was approximately 1200 tonnes, or three times as extensive as it was originally assumed to be.

Now since we had to demolish the buildings eventually, one option was that we could have taken the floors apart and had them milled, treated and incinerated off site. This was not a great option the cost of doing this would have put the project approximately \$1.5 million over the original budget of \$5 million.

Our second option was to have the concrete floors milled on site, but that would have been just as expensive, plus it would have created a hazardous environment for the site workers, because of the staggering amount of PCB laden dust that would have been created.

The third option was far and away the most innovative. We have been working with a company from Texas called Biotech Solutions, on a proprietary technology for PCB destruction in both concrete and soil based applications. This process actually breaks the bonds of the PCBs and render it no longer a PCB, but a standard oil waste product. What this means is it can be treated for a much lower cost than either of the aforementioned options. This option was also perfect for this project, because it would allow us to treat the PCB laden concrete on site, without the use of heavy milling equipment inside a closed building environment.

All in all, the implementation of this innovative PCB removal solution can save our client approximately 50% of the revised cost of the PCB removal while contributing substantially to helping us maintain an environmentally and worker friendly environment on the site.

As you read this, the project is still ongoing. But things are proceeding very smoothly and at a substantially lower cost than might have been the case if the Aim and Biotech PCB solution had not been available.

At Aim, we're constantly expanding the boundaries of our Aim Environmental Advantage by investigating and developing new techniques and technology to help manage our projects with maximum cost effectiveness and results, minimal disruption to the environment and absolute worker safety.