



PRESS RELEASE

N.O.R.M. Decontamination and Remediation Services

HANDLING N.O.R.M. CONTAMINATION CRADLE-TO-GRAVE

N.O.R.M. DECONTAMINATION

The decontamination of N.O.R.M. (Naturally Occurring Radioactive Material) contaminated items due to oil and gas refining & production, mining, and manufacturing operations is a growing environmental concern due to the large amount of liquid waste generated and contaminated items/equipment currently stored at sites across North America and the World.

At present decontamination is performed at *fixed* decontamination facilities therefore all N.O.R.M. contaminated equipment must be transported to one of these facilities. This requires a lot of unnecessary traveling (both to and from the decontamination facility) and also generates a large liquid waste stream that must then be transported to landfills, salt caverns and deep well injection points. The N.O.R.M. is pleased to introduce...

The first portable N.O.R.M. decontamination/remediation unit.

We make this service portable and far more efficient for the client by bringing our innovative decontamination process and services to the field. Our on site service is the first of its kind. The N.O.R.M. is addressing the ever-growing accumulation of NORM contaminated items and equipment that presently must be transported over our highways by largely untrained (radiation safety) individuals to fixed decontamination facilities mostly located in Western Canada.

Our system is a mobile treatment unit that is transported to any facility or site that is storing or directly handling hazardous radioactive waste items. This mobile process allows us to safely decontaminate from "Cradle-to-Grave" on site. We address the health, safety and environmental issues by vastly reducing the waste streams by almost 95% in most cases, reducing your 'incidental' worker's



exposure to NORM contamination and eliminating transport of NORM contaminated items on our highways.

HOW DO WE REDUCE WASTE?

Our system is a protected process that removes contamination using explicitly engineered sand blasting technology. The medium (sand) is recycled within our system for reuse after completing the decontamination process. Present technology does not allow for recycling of fluids and continuously produces a large liquid (over and above 3 cubic meters) N.O.R.M. contaminated waste stream. Our recycling capability will **reduce present liquid waste streams by 95% leaving our valuable water supply for the environment to use as it was intended.**

On average 10 cubic meters of liquid waste becomes 120 litres!

ADDRESSING SAFETY & TRAINING

It is estimated that less than 3% of our client's personnel handling NORM contaminated items are properly trained. Our system employs personnel who have received our in-depth expert training (both theory and practical) for the safe handling, decontamination, and waste generation disposal processes.

All we need you, our client, to do is identify the NORM contaminated items, and we'll take it from there. We can train your workers to identify NORM, or, call us and we will send one of our professionals out identify and professionally document it for you.

By developing this process and introducing our protected process to industry we eliminate the following major risks:

- Worker exposure to radiation during the decontamination process
- Transportation of N.O.R.M. contaminated items/equipment on our highways
- Environmental impact by vastly reducing the liquid and solid waste streams containing N.O.R.M.



Thank you for your interest in our specialized services and I look forward to an opportunity to discuss our engineered on site decontamination process with you.

Sincerely,



Scott Hahn R.S.C.

C.E.O.

The N.O.R.M.

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