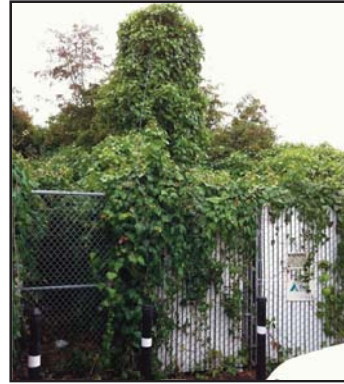


## Message from Operations

**Spring is here** and with it, warmer weather, longer daylight and for most of us, no more snow and ice! With the cold season passing, the **tendency during this time can be to lose some of our perspective on safety**. The caution we showed for potential hazardous conditions during the wet season may no longer feel necessary. How untrue this is because as old hazards we identified become non-issues, new drier weather hazards emerge. As we head into this next quarter of 2011, let's work to **combat unintended complacency** and keep safety fresh! Consider **mid-day safety meetings** or a **2nd backup crew to help finish up long projects**. Have a splendid spring everyone – and work safe! – *Chuck Carmel, OPM RPT*

**FROM THE FIELD . . .** Some time in early January Dave Piotrowski, the **HSSE Advisor for our area called to ask what big risks** my New York BWT will face in 2011. We talked about some assessment work and upcoming system installations and eventually agreed that our planned ISCO and sulfate application work **posed a pretty big risk**. My team plans to perform these applications at 18 sites in 2011. The task includes mixing bags of sulfate or persulfate with water, transporting the solution to our sites in drums and then applying them to the subsurface via MWs and finally GW monitoring. The monitoring consists of GW samples collected from MWs at an increased frequency. Dave came to NY to meet with my BWT to **take a closer look at our WRATs** for these tasks. The one day meeting included myself, Antea Group PM and field personnel and one person from Isotech, Inc., our sub who provides the mixing and application services. We **broke the task down to steps to understand all of the risks** and we developed some **new ideas to mitigate the risks**. We had lots of participation in the small setting. **So we are ready** to perform this important work to drive our sites to closure in a safe way. If you have a complicated or reoccurring task planned for 2011 I recommend a similar review to plan for all the risks. – *Nick Onufrak, OPM RPT, Towson, MD*



Broadbent & Associates, Inc. (BAI) was called

upon by RM to decommission a remediation system in Oakland, California, that had been previously operated by another contractor. Prior to conducting any work, BAI organized an **initial site hazard review** in order to assess hazards and risks. The picture to the left depicts what was encountered, upon arrival to the site.

The **heavy overgrowth of**

**vegetation presented a unique challenge**, as it was difficult to determine what was even in the compound, much less what hazards would need to be mitigated. Through the **subcontractor qualification process**, BAI selected a subcontractor with proven competence for the performance of work at heights, operation of powered equipment, and that met the safety standards of RM. BAI then conducted **extensive work risk assessment meetings** with the subcontractor to mitigate potential hazards, including broken beer bottles, trash, biohazards, hidden power lines, and live animals that had taken refuge in the compound.

The subcontractor meticulously removed the vegetation and

was able to safely complete the work without incident through the implementation of the mitigation procedures identified in the preplanning process. This represents another great example of how **preplanning pays dividends by improving job efficiency and allowing everyone to go home safe** at the end of the day. – *Special thanks to Jason Hoffman, Sr. Geologist, Corporate H&S Officer, BAI*



## Consider This . . .

As winter comes to an end and temperatures rise, be alert to the **returning presence of ticks** in grass and brush. A few pointers:

- Wear **long sleeve** shirts tucked into pants tucked into boots
- Wear **light colored clothing** to easily spot ticks and brush them off
- Apply **permethrin** repellent to clothing & shoes (before dressing) to kill ticks & **DEET** insect repellent to exposed skin to repel ticks
- Perform **routine checks for ticks** on each other
- **Treat outdoor pets** with flea and tick repellents
- Perform thorough **body/hair/fur checks** after exiting tick area
- Wash & dry clothes at high temps to kill ticks hiding in pockets/seams
- Whenever possible, keep grasses and **brush trimmed**.

## Additional Resources

**BP RM HSSE Site** <https://wss2.bp.com/remediationmanagement/HSSE/default.aspx>

**SOCs Minute Resource Site** <http://socs.dataaccel.com/> (user ID: socs, Password: safety)

To comment, inquire or obtain information on any item in this publication, or to submit an item for publication, please contact May Marcinek at [mmarcinek@envirosolve.com](mailto:mmarcinek@envirosolve.com), 818.889.0090, or Chuck Carmel at [charles.carmel@bp.com](mailto:charles.carmel@bp.com), 925.275.3803.

## Contractor's

**Contractor's**

**Contractor's**

**Contractor's**

## @Traction

**Defective equipment** is still a major factor in RM Traction reports. Also, 5 of 19 RM February incidents/near-misses might specifically have benefited from **STOP WORK**, including 2 parking lot incidents (backing, tight space), inattention to icy walkway, forgetting to plan for next day, and a sudden material release (worker reacted before considering personal safety). Continue to stress the importance of **STOP WORK and worker safety** above other considerations (time, money, releases). **Consider periodic drills** to practice **STOP WORK** before an event actually occurs.