

# TECHNOLOGY AVAILABLE FOR LICENSING

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**University of  
Dayton**

## Green Recovery Process for Wastes Containing Hexavalent Chromium

### Advantages:

- Cost effective process for remediation of hex chrome waste
- Low energy
- Chrome recovered for later use
- Maintains chrome's charge state

### Applications:

- Waste stream remediation
- Any situation where it is desired to remove hex chrome from aqueous environments
- Electroplating clean up
- Industrial waste removal

### Description:

The invention is a process for recovery of hexavalent chromium from waste streams. The method is reacting non-toxic precipitating reagent with the hexavalent chromium to form an insoluble precipitate, which is very easily collected from the waste stream. It may optionally include reacting the insoluble precipitate with an acidic solution to form a soluble compound that is removed by other means.

### IP Status:

<https://www.google.com/patents/US6833124>

#### Inventors:

Andrew Phelps  
Jeff Sturgill  
Joseph Swartzbaugh

#### UD Reference #:

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#### Contact:

Mathew Willenbrink  
Director, Technology & Entrepreneurial Partnerships  
937-229-3472  
Mathew.Willenbrink@udri.udayton.edu  
[udayton.edu/research/resourcesforresearchers/tpo/index.php](http://udayton.edu/research/resourcesforresearchers/tpo/index.php)