

**Remsburg, Kristy**

**From:** Hull, John *OBC*  
**Sent:** Monday, April 19, 2010 9:08 AM  
**To:** Olmstead, Joan  
**Subject:** FW: URB Help on SEISs

(b)(5)

*EX-5*

**From:** Swain, Patricia  
**Sent:** Monday, April 19, 2010 9:00 AM  
**To:** VonTill, Bill; Park, James; Davis (FSME), Jennifer  
**Cc:** Hull, John; Hsueh, Kevin  
**Subject:** RE: URB Help on SEISs

*FSME*

(b)(5)

*EX-5*

**From:** VonTill, Bill  
**Sent:** Monday, April 19, 2010 8:58 AM  
**To:** Swain, Patricia; Park, James; Davis (FSME), Jennifer  
**Cc:** Hull, John; Hsueh, Kevin  
**Subject:** RE: URB Help on SEISs

*FSME*

(b)(5)

*EX-5*

In making the present and potential hazard finding, the Commission will consider the following factors:

- (a) Potential adverse effects on ground-water quality, considering--
  - (i) The physical and chemical characteristics of the waste in the licensed site including its potential for migration;
  - (ii) The hydrogeological characteristics of the facility and surrounding land;
  - (iii) The quantity of ground water and the direction of ground-water flow;
  - (iv) The proximity and withdrawal rates of ground-water users;
  - (v) The current and future uses of ground water in the area;
  - (vi) The existing quality of ground water, including other sources of contamination and their cumulative impact on the ground-water quality;
  - (vii) The potential for health risks caused by human exposure to waste constituents;
  - (viii) The potential damage to wildlife, crops, vegetation, and physical structures caused by exposure to waste constituents;
  - (ix) The persistence and permanence of the potential adverse effects.
- (b) Potential adverse effects on hydraulically-connected surface water quality, considering--
  - (i) The volume and physical and chemical characteristics of the waste in the licensed site;
  - (ii) The hydrogeological characteristics of the facility and surrounding land;
  - (iii) The quantity and quality of ground water, and the direction of ground-water flow;
  - (iv) The patterns of rainfall in the region;
  - (v) The proximity of the licensed site to surface waters;
  - (vi) The current and future uses of surface waters in the area and any water quality standards established for those surface waters;
  - (vii) The existing quality of surface water including other sources of contamination and the cumulative impact on surface water quality;
  - (viii) The potential for health risks caused by human exposure to waste constituents;
  - (ix) The potential damage to wildlife, crops, vegetation, and physical structures caused by exposure to waste constituents; and
  - (x) The persistence and permanence of the potential adverse effects.

Thanks

From: Swain, Patricia

Sent: Sunday, April 18, 2010 6:00 PM

To: VonTill, Bill; Cohen, Stephen; Striz, Elise

Cc: McConnell, Keith; Hsueh, Kevin; Shroff, Behram; Patrick Laplante; Balsam, Briana; Davis (FSME), Jennifer; Park, James; Bjornsen, Alan; Olmstead, Joan

Subject: URB Help on SEISS

  
-ATTORNEY CLIENT-

Bill, Steve, and Elise,

EX. 5

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EX. 5

Thank you so much for your assistance.  
Patti