

February 10, 2014

Richard W. Hull  
Remedial Project Manager  
U.S. Environmental Protection Agency  
5 Post Office Square - Suite 100  
Mail code OSRR 07-1  
Boston, MA 02109 - 3912

Re: Savage Well Superfund Site  
Consent Decree Docket No. 94-174  
Quarterly Progress Report

Dear Mr. Hull:

In accordance with Section XI of the Savage Well Site Consent Decree, the Settling Parties for Operable Unit 2 (OU-2) hereby submit four copies of the quarterly progress report for the period starting November 1, 2013 and ending January 31, 2014.

If you have any questions, please do not hesitate to call.

Yours truly,

GRADIENT



Manu Sharma, P.E.  
Principal

Enclosures

cc: R. Mongeon  
J. Peltenon, Esq.  
G. Smith, Esq.  
B. Rand



## QUARTERLY PROGRESS REPORT

**SAVAGE WELL SUPERFUND SITE  
DOCKET #94-174  
REPORTING PERIOD: November 2013 – January 2014**

**QUARTERLY PROGRESS REPORT #10  
DATE: February 10, 2014**

This progress report is being submitted pursuant to Section XI, Paragraph 34 of the Savage Well Superfund Site Consent Decree (CD) dated 1994. The work performed by the Settling Parties between November 1, 2013 and January 31, 2014 is summarized below.

### PROGRESS DURING REPORTING PERIOD

#### ***ACTIONS TAKEN TOWARD ACHIEVING COMPLIANCE WITH CD:***

- The OU-2 groundwater remediation system continued to operate effectively during this quarter. Treated water continues to be discharged to the subsurface and the Souhegan River. The table below summarizes monthly and quarterly average extraction and injection rates.

Reporting Period	Extraction Rates				Injection Rates			
	EW-1	EW-2	EW-3	Total	IW-1	IW-2	IW-3	Total <sup>1</sup>
November-13	34	27	41	102	27	32	30	89
December-13	163	106	86	355	84	105	98	287
January-14	129	89	65	283	72	82	76	230
Quarterly Average	109	74	64	247	61	73	68	202

*1 = The balance of the treated water was discharged to the Souhegan River surface water discharge structure.*

The monthly average extraction rates were lower than typical rates due to: scheduled shutdown for extraction well redevelopment activities (November 2013), power loss (December 2013), and scheduled shutdown for water level monitoring conducted by Weston Solutions on behalf of US EPA and NHDES as part of the OU-3 investigations (January 2014).

The metals treatment system continues to effectively treat metals, being compliant with both surface water effluent discharge limits established by the NHDES and design requirements of the system.

- The 2013 annual groundwater quality monitoring event took place on November 19, 2013 (passive diffusion bag deployment) and from December 2 to December 4, 2013 (passive diffusion bag retrieval and low flow purge sampling).

#### ***VALIDATED DATA/RESULTS AND TESTS RECEIVED OR GENERATED:***

- Analytical results from the above-referenced December 2013 annual groundwater quality monitoring event were received. These results will be provided in the upcoming annual groundwater quality monitoring report for 2013.

**QUARTERLY PROGRESS REPORT**

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***WORK PLANS, PLANS AND OTHER DELIVERABLES SUBMITTED***

- The previous quarterly progress report (quarterly progress report no. 9 for the period August 2013 through October 2013) was submitted on November 12, 2013.
- The draft annual groundwater quality monitoring report for 2012 was submitted to US EPA and NHDES on December 16, 2013.

***MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES:***

- None

***PROBLEMS/UNRESOLVED DELAYS ENCOUNTERED AND ACTIONS TAKEN:***

- None

***SITE ACCESS***

- None

**PROGRESS PLANNED FOR NEXT SIX WEEKS*****COMMUNITY RELATIONS SUPPORT PLAN ACTIVITIES:***

- None

***ACTIONS SCHEDULED AND PROGRESS OF CONSTRUCTION:***

- None

***UNRESOLVED DELAYS ANTICIPATED, AND ACTIONS TO BE TAKEN:***

- None

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***ANTICIPATED MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES:***

- None

***COMMUNITY RELATIONS PLAN ACTIVITIES:***

- None