



May 13, 2015

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 February 1, 2015 and ending April 30, 2015.

Please contact me if you have any questions.

Yours truly,

GRADIENT

A handwritten signature in black ink, appearing to read "Manu Sharma", with a long horizontal flourish extending to the right.

Manu Sharma, P.E.
Principal

Enclosures

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



QUARTERLY PROGRESS REPORT

**SAVAGE WELL SUPERFUND SITE
DOCKET #94-174**

**QUARTERLY PROGRESS REPORT #15
DATE: May 13, 2015**

REPORTING PERIOD: February 2015 – April 2015

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 February 1, 2015 and April 30, 2015 is summarized below.

PROGRESS DURING REPORTING PERIOD

ACTIONS TAKEN TOWARD ACHIEVING COMPLIANCE WITH CD:

- The OU-2 groundwater remediation system continued to operate 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 ¹
February-15 ²	118	117	100	335	84	111	103	298
March-15	79	90	99	268	71	92	86	249
April-15	0	80	96	176	55	56	56	167
Quarterly Average	66	96	98	260	70	86	82	238

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

²Flow rate data could not be logged between February 1-3, 2015 even though the system continued to operate normally during that time. Average rates for the month of February are estimates.

The monthly average extraction rates were lower than typical rates due to unscheduled shutdowns of EW-1 and EW-2. EW-1 was shut down on March 25, 2015 due to loss in performance over the prior few weeks and is awaiting pump replacement scheduled to take place in May. EW-2 was shut down from March 25 to April 10, 2015 to conduct a repair of the manifold piping, which was completed on April 9, 2015. EW-2 has since resumed normal operation.

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.

- Two meetings with US EPA, NHDES, and USGS took place on March 24, 2015 and May 1, 2015 (after this reporting period) to discuss temporary suspension of groundwater extraction and treatment activities at OU-2. A memorandum of recommendations and updated work plan are in preparation.

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VALIDATED DATA/RESULTS AND TESTS RECEIVED OR GENERATED:

- None

WORK PLANS, PLANS AND OTHER DELIVERABLES SUBMITTED

- The previous quarterly progress report (quarterly progress report no. 14 for the period November 2014 through January 2015) was submitted on February 12, 2015.

MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES:

- None

PROBLEMS/UNRESOLVED DELAYS ENCOUNTERED AND ACTIONS TAKEN:

- As indicated previously, the pump for extraction well EW-1 requires replacement, which is scheduled to take place during the month of May.

SITE ACCESS

- None

PROGRESS PLANNED FOR NEXT SIX WEEKS

COMMUNITY RELATIONS SUPPORT PLAN ACTIVITIES:

- None

ACTIONS SCHEDULED AND PROGRESS OF CONSTRUCTION:

- The 2014 annual groundwater quality monitoring report is currently in preparation.
- The 2015 semi-annual groundwater sampling event is scheduled to take place in June or July 2015.
- As indicated previously, a memorandum of recommendations and updated work plan for the temporary suspension of groundwater extraction and treatment activities at OU-2 are in preparation.

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UNRESOLVED DELAYS ANTICIPATED, AND ACTIONS TO BE TAKEN:

- None.

ANTICIPATED MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES:

- None

COMMUNITY RELATIONS PLAN ACTIVITIES:

- None