



August 7, 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 May 1, 2015 and ending July 31, 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
REPORTING PERIOD: May – July 2015**
**QUARTERLY PROGRESS REPORT #16
DATE: August 7, 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 May 1, 2015 and July 31, 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
May-15	0	99	90	189	61	61	61	183
Jun-15	0	107	81	188	61	55	64	180
July-15	186	107	87	380	91	117	110	318
Quarterly Average	62	104	86	252	71	78	78	227

¹The 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 unscheduled shutdowns of EW-1, EW-2, and EW-3. As noted in the previous quarterly progress report, EW-1 was shut down on March 25, 2015 due to loss in performance over the prior few weeks. The EW-1 pump was replaced on June 29, 2015, and EW-1 resumed normal operation on July 3, 2015. EW-2 and EW-3 were shut down from May 8 to 11, 2015 to conduct a repair of the hydrogen peroxide injector piping at the treatment plant. EW-2 and EW-3 resumed normal operation thereafter. EW-3 was also shut down due to circuit breaker trips, which were reset with normal operations resuming thereafter.

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.

- Select monitoring wells (MW-108A, MW-118B, and MW-32B) and a stream gauge (SG-4) were repaired and/or resurveyed on May 18-19, 2015.
- The 2015 semi-annual groundwater quality monitoring event took place from July 1-2, 2015.

VALIDATED DATA/RESULTS AND TESTS RECEIVED OR GENERATED:

- None

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WORK PLANS, PLANS AND OTHER DELIVERABLES SUBMITTED

- The previous quarterly progress report (quarterly progress report no. 15 for the period February 2015 through April 2015) was submitted on May 13, 2015.

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:

- The 2014 annual groundwater quality monitoring report is currently in preparation.
- A revised work plan for the temporary suspension of groundwater extraction and treatment activities at OU-2 is in preparation and will be submitted in early August 2015.

UNRESOLVED DELAYS ANTICIPATED, AND ACTIONS TO BE TAKEN:

- None

ANTICIPATED MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES:

- None

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COMMUNITY RELATIONS PLAN ACTIVITIES:

- None