



August 10, 2012

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, 2012 and ending July 31, 2012.

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: May – July 2012

QUARTERLY PROGRESS REPORT #4
DATE: August 10, 2012

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, 2012 and July 31, 2012 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 ¹
May-12	199	115	85	399	100	126	113	339
June-12	77	107	78	262	64	86	73	223
July-12	–	116	81	197	48	76	49	173
Quarterly Average	92	113	81	286	71	96	78	245

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

Monthly average extraction rates for June and July were lower than typical rates for extraction well EW-1 due to electrical issues with the well pump. The pump for well EW-1 was replaced and the well resumed operations on August 8.

Monthly average extraction rates for June were also somewhat lower than typical rates at EW-2 and EW-3 due to a system shut-down for scheduled control system software maintenance.

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

- The semi-annual groundwater quality monitoring event took place on June 11 (passive diffusion bag deployment) and June 25, 2012 (passive diffusion bag retrieval and low flow purge sampling).
- The second shallow groundwater sampling event was performed on June 13, 2012.

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 (for the period February through April 2012) was submitted on May 10, 2012.
- The annual groundwater quality monitoring report for 2011 was submitted after this reporting period, on August 3, 2012.
- A letter report documenting the findings of the above-referenced shallow groundwater sampling event conducted at OU-2 on June 13, 2012 was submitted to the US EPA after this reporting period, on August 3, 2012.

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