



Shaw Environmental, Inc.

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February 16, 2005
Project 101960

Mr. Joseph T. Martella, II
Rhode Island Department of Environmental Management
Office of Waste Management
235 Promenade Street
Providence, RI 02908-5767

**Re: Monthly Status Report-January 2005
Former Gorham Manufacturing Facility
333 Adelaide Avenue, Providence, RI
Site Remediation Case No. 97-030**

Dear Mr. Martella:

Shaw Environmental, Inc. (Shaw) has prepared this monthly status report on behalf of Textron, Inc. (Textron). This status report is for the remediation of tetrachloroethene (PCE) contaminated groundwater at the former Gorham Manufacturing Facility in Providence, Rhode Island (Figure 1).

The Former Gorham Manufacturing facility is located at 333 Adelaide Avenue, Providence, Rhode Island (the Site). The contaminant of concern for groundwater is primarily PCE. As discussed in the Remedial Action Work Plan and subsequent revisions, the PCE source area in the vicinity of the former building W is the area of concern being treated, using an in-situ application of sodium permanganate, to achieve the site-specific remedial goal of 7,700 micrograms per liter (ug/L).

FIELD ACTIVITIES

The following field activities were conducted in January 2005:

Field parameters were measured in treatment area wells on January 3, 2005. Field measurements included oxidation/reduction potential (ORP), dissolved oxygen (DO), pH, temperature, and specific conductance (SC). Groundwater elevation measurements were also collected. These results are presented in Tables 1 and 2.

Mr. Joseph T. Martella, II
February 16, 2005
Page 2 of 3

FUTURE ACTIVITIES

Groundwater source area monitoring wells will be sampled for VOC analysis (EPA Method 8260) on a quarterly basis. Groundwater sampling scheduled for January 2005 was postponed due to the recent snow storm. These groundwater samples were collected on February 3 and 4, 2005 (the results associated with these samples will be discussed in the next status report). The samples collected in February 2005 constitute the first round of quarterly sampling, and an additional three (3) quarters of groundwater sampling will be conducted. Field parameter measurements will also be conducted during the quarterly groundwater sampling events.

If you have any questions, please contact Ed Van Doren at (978) 691-2130.

Sincerely,

SHAW ENVIRONMENTAL, INC.



Edward P. Van Doren, PE, LSP
Project Manager


Attachments

cc: Craig Roy, RIDEM OWR
Greg Simpson, Textron
Dave McCabe, Textron
Jamieson Schiff, Textron
Thomas Dellar, City of Providence
Karriem Van Leesten, City of Providence
Amelie Mailloux, Stop & Shop

CERTIFICATIONS

The following certifications are provided pursuant to Rule 9.19 of the Remediation Regulations:

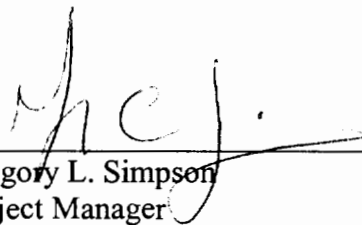
I, Edward P. Van Doren, as an authorized representative of Shaw Environmental, Inc. and the person responsible for the preparation of this Monthly Status Report dated February 16, 2005, certify that the information contained in this report is complete and accurate to the best of my knowledge.


Edward P. Van Doren, PE, LSP
Project Manager

2-17-05
Date:

We, Textron, Inc., as the party responsible for submittal of this Monthly Status Report, certify that this report is a complete and accurate representation of the contaminated site and the release, and contains all known facts surrounding the release, to the best of our knowledge.

Certification on behalf of Textron Inc.


Gregory L. Simpson
Project Manager

2-17-05
Date:

TABLE 1
Groundwater Field Parameters
January 2005 - Monthly Measurements

Former Gorham Manufacturing Facility
Providence, Rhode Island

WELL ID	DATE	pH Field	Temperature Field (deg.c)	Conductivity Field (ms/cm)	Dissolved Oxygen Field (mg/l)	Oxidation Reduction Potential Field (mv)
MW-101D	1/3/2005	7.31	14.72	2.370	1.01	17.7
MW-101S	1/3/2005	5.80	14.68	1.123	0.62	37.7
MW-112	1/3/2005	5.48	14.89	0.399	3.01	222.3
MW-116D	1/3/2005	4.88	13.79	0.537	0.96	254.3
MW-116S	1/3/2005	5.52	14.56	0.170	7.14	238.3
MW-201D	1/3/2005	6.44	14.05	4.241	0.55	152.1
MW-201S	1/3/2005	6.25	15.15	2.756	1.98	161.8
MW-202D	1/3/2005	5.70	13.97	0.933	0.58	174.4
MW-202S	1/3/2005	5.82	14.83	0.825	1.17	100.2
MW-203D	1/3/2005	5.89	14.16	0.642	0.89	194.5
MW-203S	1/3/2005	5.99	15.28	0.732	0.74	194.6
MW-204D	1/3/2005	6.59	13.86	1.156	0.93	163.7
MW-204S	1/3/2005	6.55	14.37	0.967	0.36	68.2
MW-205	1/3/2005	6.17	14.76	3.299	0.44	-14.2
MW-206D	1/3/2005	6.16	14.11	0.439	0.60	164.3
MW-206S	1/3/2005	6.37	15.39	1.667	0.82	160.4
MW-207D	1/3/2005	5.96	13.84	1.128	1.46	157.2
MW-207S	1/3/2005	5.78	14.63	1.035	0.36	111.1
MW-208D	1/3/2005	5.59	14.53	0.899	0.52	185.7
MW-208S	1/3/2005	5.61	14.58	0.771	0.82	167.8
MW-209D	1/3/2005	Permanganate present				

Note:

Well MW-209D was not measured for field parameters due to the presence of permanganate as indicated by a purple color in the groundwater at this location.

**TABLE 2
WATER TABLE ELEVATION
(January 2005)**

**Former Gorham Manufacturing Facility
Providence, Rhode Island**

Location	Date	Reference Elevation (Feet)	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-101D	1/3/2005	98.91	24.23	74.68
MW-101S	1/3/2005	98.90	24.22	74.68
MW-112	1/3/2005	100.63	25.88	74.75
MW-116D	1/3/2005	98.92	24.15	74.77
MW-116S	1/3/2005	99.40	24.59	74.81
MW-201D	1/3/2005	98.80	24.14	74.66
MW-201S	1/3/2005	98.75	24.07	74.68
MW-202D	1/3/2005	98.17	23.58	74.59
MW-202S	1/3/2005	98.06	23.47	74.59
MW-203D	1/3/2005	98.91	24.10	74.81
MW-203S	1/3/2005	98.92	24.14	74.78
MW-204D	1/3/2005	98.88	24.30	74.58
MW-204S	1/3/2005	98.84	24.24	74.60
MW-205	1/3/2005	99.47	24.80	74.67
MW-206D	1/3/2005	98.71	23.94	74.77
MW-206S	1/3/2005	98.55	23.82	74.73
MW-207D	1/3/2005	98.18	23.63	74.55
MW-207S	1/3/2005	98.28	23.71	74.57
MW-208D	1/3/2005	99.68	25.08	74.60
MW-208S	1/3/2005	99.50	24.91	74.59
MW-209D	Permanganate present			

Note:

Groundwater elevations are based on an arbitrary reference datum established for the site.

