Submitted via email

August 16, 2019

Amen Omorogbe
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233-7014

Re: Kingston MGP Site (C356017)
August 2019 – Semi-Annual Monitoring Event Results

Dear Mr. Omorogbe:

This letter serves to document the results of the semi-annual monitoring event conducted on August 7, 2019 at Central Hudson Gas & Electric Corporation's (Central Hudson's) former manufactured gas plant (MGP) site located in Kingston, NY (Figure 1). In accordance with the June 2015 Decision Document, and approved November 2017 Site Management Plan (SMP), four monitoring wells were installed at the site to monitor for the presence of non-aqueous phase liquid (NAPL). The monitoring wells were installed within an area that was precluded from in-situ stabilization (ISS) remediation due to the location of active gas infrastructure.

Results

Depth to water ranged from 4.70 feet below top of casing (fbtoc) to 5.18 fbtoc in monitoring wells RW-3 and RW-1, respectively (Table 1). A sheen was observed on the probe tip when gauging RW-2; however, NAPL thickness was not measurable.

The next monitoring event is tentatively scheduled to be performed in February 2020. Please contact me at (845) 486-5641 or jgallo@cenhud.com if you have any questions.

Sincerely,

Jesse N. Gallo
MGP Project Manager

Attachments
ec. Maureen Schuck – NYSDOH
Kristin Kulow – NYSDOH
Wayne Mancroni, Central Hudson
Mark McLean, Central Hudson

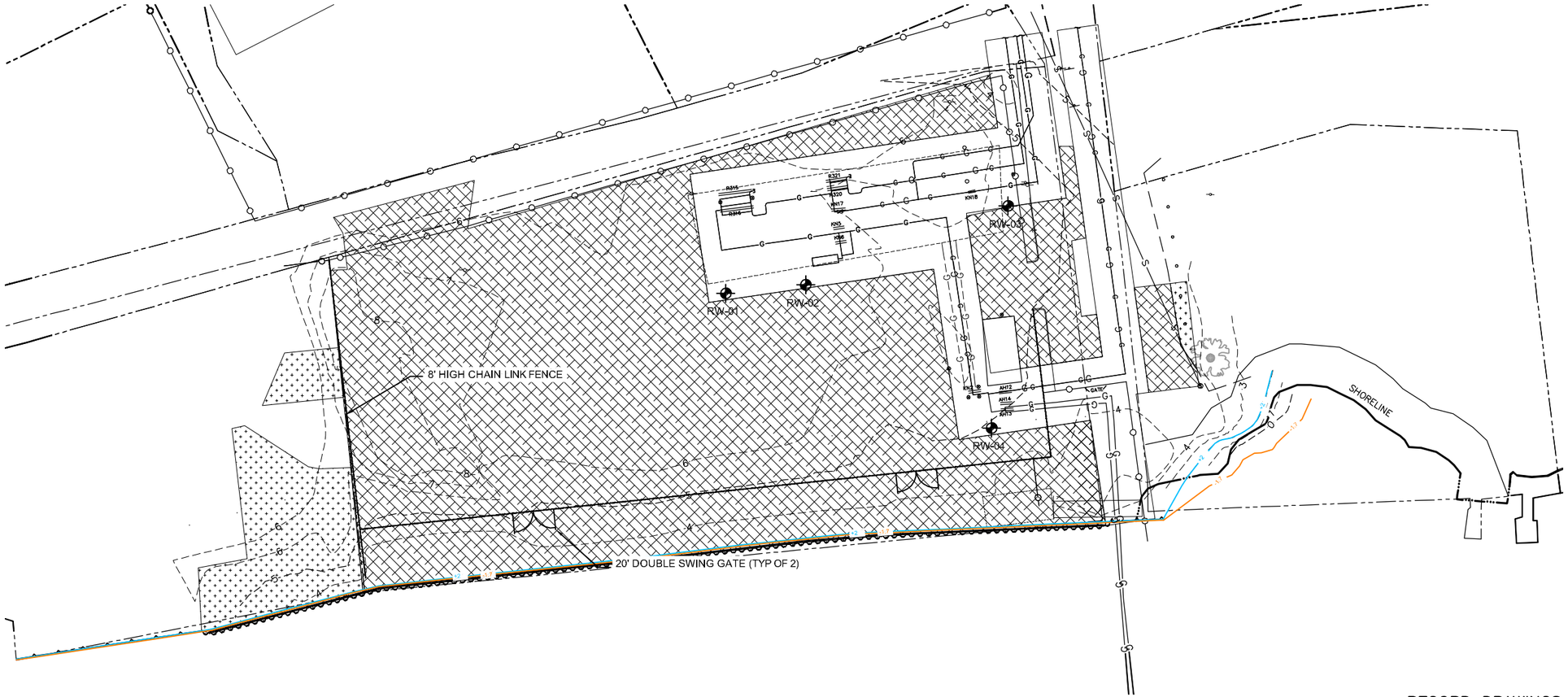
Table

Table 1
Monitoring Well Gauging Data
August 2019

Well ID	DTW	DTP	DTB
RW-1	5.18	ND	20.80
RW-2	4.78	Trace*	18.81
RW-3	4.70	ND	21.70
RW-4	4.90	ND	20.85

Notes:
* - Sheen observed on probe tip
DTW - Depth to water (feet below top of casing)
DTP - Depth to product (feet below top of casing)
DTB - Depth to bottom (feet below top of casing)
ND - Not detected

Figure



LEGEND:

- GRAVEL AREA
- VEGETATED SURFACE
- RECOVERY WELL LOCATION
  RW-01

RECOVERY WELL LOCATION PLAN

SCALE: 1" = 30' 30' 0 30'

TRUE NORTH

PLAN SUPERSEDED
REFER TO NMB LAND SURVEYING
POST CONSTRUCTION
SHEET 1 OF 1
DATED 6/27/17

RECOVERY WELL TABLE

WELL ID	NORTHING	EASTING	GRADE ELEVATION (FEET)	TOP OF CASING ELEVATION (FEET)	DEPTH OF WELL (FEET BGS)
RW-1	1125862.194	636244.317	6.5	8.6	19
RW-2	1125866.377	636283.183	6.1	8.0	18
RW-3	1125904.711	636381.694	5.7	7.9	19
RW-4	1125796.653	636373.703	5.3	7.6	19

RECORD DRAWINGS

To the best of our knowledge, information and belief, these record drawings substantially represent the project as constructed.

O'BRIEN & GERE ENGINEERS, INC.

By: _____

NO.	DATE	REVISION	INIT.
0	11/2/17	RECORD DRAWING	BEW

SCALE AS NOTED

STATE OF NEW YORK · BRIAN E. WHITE · 81739 · LICENSED PROFESSIONAL ENGINEER

O'BRIEN & GERE ENGINEERS, INC

LAND Remediation, Inc. an environmental services company

CENTRAL HUDSON GAS & ELECTRIC
FORMER KINGSTON MGP SITE
SITE NO. C356017
KINGSTON, NEW YORK

GENERAL

RECOVERY WELL LOCATION PLAN

IN CHARGE OF _____
DESIGNED BY _____ CHECKED BY _____
DRAWN BY _____

FILE NO. 12678.62871.126
DATE NOV. 2017

1

C:\DIV71\CENTRAL HUDSON - KINGSTON MGP\DESIGN DRAWINGS 3-3-16\62871-126-G26.DWG

Monitoring Data (field notes)

ARCADIS Design & Consultancy for natural and built assets

CHGE Former Kingston MGP Gauging Log

Date:
Complete By : TM

Equipment Calibration Date: 8/7/19 Attach calibration sheets as necessary

Well ID	Date Collected	Headspace				Depth to Product (ft bTOC)	Depth to Water (ft bTOC)	Total Depth (ft bTOC)	Well Condition/Comments
		VOCs (ppm)	H_2S (ppm)	O_2 (%)	LEL (%)				
RW-1	8/7/19	0.3	0	20.9	0	ND	5.18	20.80	
RW-2	8/7/19	0.0	0	20.9	0	TRace	4.78	18.81	TRace Product on Probe from Bottom of well
RW-3	8/7/19	0.0	0	20.4	3	ND	4.70	21.78	
RW-4	8/7/19	0.0	0	20.9	0	ND	4.90	20.82	

Notes:
ppm = parts per million