



John Spellman, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

ARCADIS of New York, Inc.
6723 Towpath Road
P O Box 66
Syracuse
New York 13214-0066
Tel 315 446 9120
Fax 315 449 0017
www.arcadis-us.com

ENVIRONMENTAL

Subject:
NYSEG Clark Street Former MGP Site
Monitoring Well Decommissioning Work Plan

Date:
August 29, 2013

Dear Mr. Spellman:

Contact:
Jason Brien

On behalf of NYSEG, this letter presents a work plan for decommissioning select monitoring wells at the NYSEG Clark Street Former Manufactured Gas Plant (MGP) Site (the site) located in Auburn, New York (Site No. 7-06-008).

Phone:
315.671.9114

Well decommissioning activities will be conducted in support of the forthcoming remedial construction activities (anticipated to begin in fall 2014). Note that select monitoring wells will be decommissioned following removal of the electrical substation based on accessibility. Well decommissioning activities will be completed in accordance with the May 2013 *Draft Final (95%) Remedial Design Report* (RD Report) (ARCADIS, 2013a) and NYSDEC's guidance presented in *CP-43 Groundwater Monitoring Well Decommissioning Policy* (NYSDEC, 2009).

Email:
jason.brien@arcadis-us.com

Our ref:
B0013091.0008

The locations of monitoring wells to be decommissioned in support of the remedial construction activities are shown on Figure 1. Well decommissioning activities will consist of abandoning bedrock/deep monitoring wells by tremie-grouting the core hole/well casing to grade and cutting the stainless steel well casing flush with the surrounding grade. Monitoring wells MW-2B, MW-2D, MW-3B, MW-5B, and MW-7B will be decommissioned prior to Phase 1 excavation activities and monitoring wells MW-4B, MW-4D, and MW-6B will be decommissioned prior to Phase 3 excavation activities. Overburden monitoring wells located within the soil removal areas will not be decommissioned, but rather will be excavated with site soil during the upcoming remedial construction activities.

Imagine the result

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All field activities will be performed in accordance with the *Quality Assurance Project Plan* (QAPP), *Field Sampling Plan* (FSP), and *Health and Safety Plan* (HASP), included as appendices to the *Remedial Design Work Plan* (RDWP) (ARCADIS, 2010). Additionally, real-time air quality monitoring will be conducted for the duration of the well decommissioning activities. Community air monitoring procedures are described in the July 2013 *Pre-Remediation In-Situ Sampling and Analysis Work Plan (Phase 1)* (ARCADIS, 2013b).

ARCADIS anticipates that Phase 1 well decommissioning activities will be conducted as part of the Phase 1 pre-remediation in-situ waste characterization sampling activities, tentatively scheduled to be conducted in late summer/early fall 2013.

Following completion of the well decommissioning activities, a brief letter report will be prepared to summarize the well decommissioning activities and the letter report will include well decommissioning logs.

Please contact NYSEG's project manager, John Ruspantini, at 607.762.8787 if you have any questions.

Sincerely,

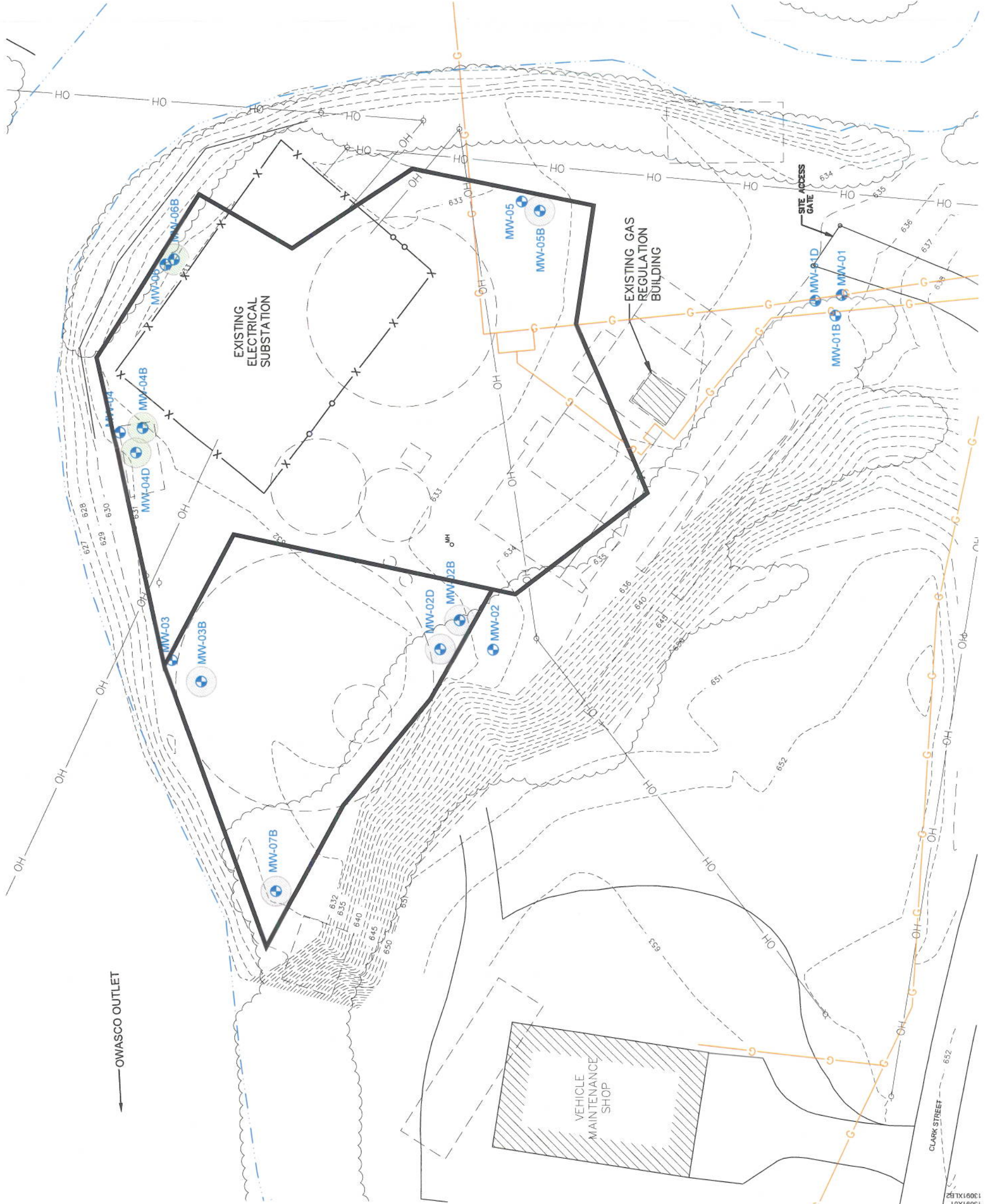
ARCADIS of New York, Inc.



Jason Brien, P.E.
Principal Engineer

Copies:

John Ruspantini, CHMM, NYSEG
Terry Young, P.E., ARCADIS
Jason Golubski, P.E., ARCADIS



LEGEND:

- SOIL REMOVAL LIMITS
- NATURAL GAS LINE
- OVERHEAD ELECTRIC
- EXISTING UTILITY POLE
- UNKNOWN MANHOLE
- LIGHT POST
- EXISTING BUILDING
- EDGE OF WATER
- TREE LINE (APPROXIMATE)
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- MONITORING WELL TO BE DECOMMISSIONED (PHASE 1)
- MONITORING WELL TO BE DECOMMISSIONED (PHASE 3)

NOTES:

1. BASE MAP PREPARED FROM SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT FIGURE 1-2 PREPARED BY URS DATED 07-13-2006, UPDATED BASED ON POI SURVEY COMPLETED BY PAUL OLSZEWSKI, PLS LAND SURVEY IN OCTOBER 2011 AND A SUPPLEMENTAL REMEDIAL ACTIVITIES SURVEY IN NOVEMBER 2012, AND A SEDIMENT SURVEY CONDUCTED BY ARCADIS IN OCTOBER 2012.
2. LOCATIONS SURVEYED RELATIVE TO NORTH AMERICAN DATUM OF 1983, NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, ELEVATIONS PRESENTED IN FEET AMSL RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. ALL LOCATIONS ARE APPROXIMATE.
4. OVERBURDEN MONITORING WELLS MW-02 AND MW-03 TO BE REMOVED DURING PHASE 1 EXCAVATION ACTIVITIES.
5. DEEP AND BEDROCK MONITORING WELLS MW-04D, MW-04B, AND MW-06B TO BE DECOMMISSIONED FOLLOWING REMOVAL OF THE EXISTING ELECTRICAL SUBSTATION (PHASE 2).
6. OVERBURDEN MONITORING WELLS MW-04, MW-06, AND MW-05 TO BE REMOVED DURING PHASE 3 EXCAVATION ACTIVITIES.



NYSEG
CLARK STREET FORMER MGP SITE
AUBURN, NEW YORK
MONITORING WELL DECOMMISSIONING WORK PLAN

MONITORING WELL
LOCATIONS