



TECHNICAL
SERVICES

CORRECTIVE MEASURES WORK PLAN

400 Block Restoration Area

NYSDEC Site: B00148

413-441 Main Street and 366-372 Mill Street

City of Poughkeepsie, Dutchess County, New York

January 10, 2020

GBTS File: CP9920

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CORRECTIVE MEASURES WORK PLAN

January 10, 2020

GBTS File: GH9964

Prepared By:

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Prepared For:

**The City of Poughkeepsie
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I, James Blaney, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Corrective Measures Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with DER Technical Guidance for Site Investigation and Remediation (DER-10).

James Blaney, CHMM

QEP

January 10, 2020

Date



Signature

The undersigned has reviewed this Corrective Measures Work Plan and certifies to the City of Poughkeepsie that the information provided in this document is accurate as of the date of issuance by this office.

Scott Spitzer

Senior Environmental Consultant

January 10, 2020

Date



Signature

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1.0 PURPOSE

This Corrective Measures Work Plan (CMWP) documents proposed environmental fieldwork to be conducted at the “400 Block Restoration Area” (the “Site”), City of Poughkeepsie, New York (NYSDEC remedial program ID: B00148). The Site has been remediated and is currently subject to the requirements of an approved Site Management Plan (SMP).

Current residential and commercial use of the Site requires the operation of a sub-slab depressurization system (SSDS). An inspection of the system in July 2019 showed that all three fans, located on the roof of the on-site building, were fully functional. However, even when all three fans were running, the visual alarm system indicated that two of the three fans were disabled. The purpose of this CMWP is to describe the actions to be taken to properly repair the SSDS.

2.0 REMEDIAL ACTION

2.1 Overview

The Volunteer (City of Poughkeepsie) will engage a professional SSDS contractor to investigate the cause of the SSDS visual alarm failure, and complete any necessary repairs in compliance with the SMP.

2.2 Governing Documents

All work will be conducted in general accordance with the SMP, which is incorporated into this CMWP by reference. Fieldwork conducted during implementation of the CMWP will follow applicable protocols/procedures as specified in the SMP.

2.3 Proposed Corrective Measure

The Volunteer will engage a professional SSDS contractor to perform an on-site inspection and determine the cause of the SSDS visual alarm failure. Following the inspection, the contractor will provide the Volunteer with a proposal documenting a suitable course of action to restore the system to full, proper operation.

Repairs will be conducted in compliance with the SMP, under the supervision of a Qualified Environmental Professional and the project Remedial Engineer, who will provide final certification that any issues with the SSDS have been resolved and that any needed repairs have been completed. The Volunteer will maintain complete documentation (photographic record, fieldwork observations, etc.) for inclusion in a final report to NYSDEC.

2.4 NYSDEC Oversight and Approvals

NYSDEC will be provided with all relevant details regarding the contractor's proposed corrective actions, and Site work will begin after NYSDEC approval. The NYSDEC Project Manager may specify additional and/or modified procedures for implementing the CMWP, as needed.

3.0 SCHEDULE

The following timeline is proposed (weeks following CMWP approval):

- | | |
|-------------|---------------------------------------------------------------------------------|
| Weeks 1 – 2 | Investigate SSDS visual alarm failure and submit proposed repair plan to NYSDEC |
| Weeks 3 – 4 | NYSDEC approval of proposed repair; complete necessary repairs |
| Week 5 | Submit Final Report to NYSDEC |