SUBMITTAL FOR:

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
34 FREEMAN'S BRIDGE ROAD SITE
SITE NO. 4-47-028 (RCC #D005813)

TOWN OF GLENVILLE, NY

DEMOLITION PLAN
SUBMITTAL 9.0A

SUBMITTED TO:

DIVISION OF ENVIRONMENTAL REMEDIATION
NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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SUBMITTED BY:

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AUGUST 14, 2006

1.0 Demolition of Existing Structures and Slabs

The demolition portion of this project includes the removal of a single-story concrete-block building to the foundation level followed by the removal and disposal of the potentially contaminated foundation. Demolition also includes the decommissioning or protection of selected monitoring wells.

1.1 Demolition Activities Schedule

D.A. Collins (DAC) proposes the following general demolition sequence. A detailed critical path schedule is included in the overall project schedule (submitted separately).

1. Pre-demolition survey and engineering review
2. Demolition permit
3. Pre-demolition Conference
4. Well decommissioning/protection
5. Vermin control measures
6. Utility location/disconnection
7. Special waste removals
8. Demolition and disposal
9. Slab/foundation removal

1.2 Pre-Demolition Engineering

DAC will subcontract a Professional Engineer who will conduct a walk-through and check of the project site in accordance with Part 1.02, Paragraphs 2 and 3 of Section 02220 of the project specifications and issue an inspection report. DAC will then issue a revised and PE stamped Demolition Plan and obtain a permit for demolition. Upon receipt of permit, DAC will coordinate the pre-demolition conference to finalize any remaining details prior to demolition activities.

1.3 Pre-Demolition Activities

After the demolition permit is obtained and the pre-demolition conference takes place, the following pre-demolition activities will be completed concurrently, and prior to general demolition:

- Vermin Control
- Well Decommissioning/Protection
- Utilities – location/disconnects/protective measures
- Special Waste Removals

Vermin control – DAC will obtain a NYS DEC "Certified Commercial Applicator" who will inspect the site and provide the Engineer with a vermin control plan for review. Once approved, the plan will be carried out and vermin exterminated.

Wells – Decommissioning of all wells in the vicinity of building demolition in accordance with project specifications and NYS DEC standards. Well MW-15D will be inspected for potential for damage during demolition and appropriate protective measures will be installed.

Utilities – All utilities will be located and disconnected per project specifications. Any additional protective measures for live utilities which cannot be disconnected or relocated will be evaluated and implemented at this time.

Special Waste Removal – All special waste will be removed from the site and disposed of in accordance with State and Federal regulations. Special Waste Removal is anticipated to include the following:

Waste Stream	TSDF
Fluorescent lights	Waste Management - Model City
PCB ballasts	Waste Management - Model City
Appliances with refrigerants	Waste Management - Model City
Empty appliances	Waste Management - High Acres Landfill
Mercury containing items	Waste Management - Model City
Sump pump/clean out solids	Waste Management - Model City
Paint cans	Waste Management - Model City
Safes containing non-friable asbestos fire protecting insulation	Waste Management - Model City

1.4 Protective Measures

Prior to general demolition the following protective measures will be implemented:

- All utilities protected per section 1.3
- Installation of perimeter security fence.
- Installation of all traffic controls.
- Establishment of exclusion zones (if any) in accordance with the Health and Safety Plan (HASP).

1.5 Building Demolition

General demolition will be performed by the Demolition Subcontractor. The exact sequence of demolition and segregation will be determined during the pre-demolition engineering phase (see 1.2). The Engineer approved Demolition Plan will contain details for sequence of demolition, anticipated equipment and related information. The Demolition subcontractor will be responsible for demolition and removal of all buildings contents/structure above the slabs and foundation. The general building waste and debris will be handled at either the Albany County Landfill or the High Acres Landfill as necessary.

1.6 Slab/Foundation Removal

The building foundation will be considered an intrusive waste removal and will be performed in compliance with the HASP and other relevant HAZMAT restrictions. In particular, the following measures must be in place and approved by the Engineer prior to foundation removal.

- Community air monitoring in place and operational.
- SWPPP measures in the vicinity of the building must be installed and approved. (Refer to SWPPP – still under development)
- Due to schedule constraints, the WWTP may not be operational in time to support foundation removal activities. In order to support foundation removal, DAC will provide a frac tank for storage of construction water to be treated in the system later.

Prior to demolition, slabs will be swept and/or pressure washed as appropriate, pending an inspection by the Engineer and DAC.

The slabs and foundations will be demolished and stockpiled for debris management in accordance with Section 02230, Part 3.03. The debris will be stockpiled in the Debris Bin located in the soil handling and stockpiles areas as shown on the Site Layout Plan. DAC will also remove and/or repair pavement and curbs as appropriate at this time.

1.7 Dust Control

D.A. Collins will implement dust control measures in accordance with the requirements of the HASP and/or whenever dust creates a potential community nuisance. In most cases, DAC will utilize wet methods to control dust during demolition activities. These activities include building demolition and concrete slab removal.

Due to the variability of conditions and application, DAC will implement the following general dust control guidelines in order to ensure compliance with all dust control performance standards:

- During all phases of demolition, water will be applied to control dust. Good demolition practices shall be utilized such that water is sufficiently applied to control dust generation without creating excessive ponding or runoff. If surface water management becomes problematic, demolition work and/or water application will be temporarily halted until additional engineering controls (i.e. runoff control berms or construction water management) can be implemented.
- During building demolition, structure shall be thoroughly wetted prior to demolition. Additional water shall be applied to the debris piles as needed to control dust during handling and segregation of debris.
- During slab demolition, water will be applied prior to, and during all phases of breaking and handling. In addition to dust control, DAC shall have odor suppression measures (Rusmar foam and poly sheeting) ready to suppress any odors released during slab removal.

Dust control will comply with governing environmental-protection regulations. Water will not be used when it may damage adjacent construction or create hazardous or objectionable conditions, such as flooding, and pollution. Any excess water will be controlled as necessary and as described in DAC's Dewatering Plan.

1.8 Waste Management

In general, all waste management practices during demolition will be in accordance with section 02230. Specifically, the following waste streams are anticipated to be handled as described below:

- Special wastes (PCB items, mercury items, etc.) will be disposed of off-site in accordance with State and Federal regulations.
- General C+D waste from building demolition will be disposed of off-site to a permitted C+D landfill.
- Scrap metals will be salvaged and recycled where practical.
- Concrete slabs and foundation will be removed per Section 1.6 and billed under UP-5a (Non-Regulated Debris).
- Water generated from sump pump-out, slab pressure washing, or excessive runoff from dust control will be pumped to the frac tank for future management under the Dewatering Plan when the WWTP is fully operational.