

Watershed Environmental Services, Inc.

P.O. Box 64947 Burlington, Vermont 05406

Office: 802-860-7385 FAX: 802-860-1964 *51

September 19, 1999

Mr. Chuck B. Schwer, Supervisor
Sites Management Section
Waste Management Division
Department of Environmental Conservation
Vermont Agency of Natural Resources
103 South Main Street / West Office Bldg
Waterbury, Vermont 05671-0404

Re: S.D. Ireland Concrete, Burlington, VT (Site #97-2186)
Soil Stockpile Treatment Status Report and Closure Request

Dear Chuck:

I am pleased to present for your consideration the following report on the status of the stockpiled soil treatment program at the S.D. Ireland Concrete facility on Grove Street in Burlington.

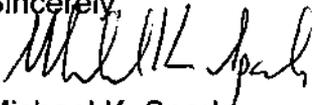
In the summer of 1997 approximately 48 cubic yards of no.2 fuel oil and diesel fuel oil contaminated soil were stockpiled at the site during the closure of two underground storage tanks at the S.D. Ireland Concrete facility. The stockpiled soils were being treated by the polyencapsulation technique. Per our work plan dated January 6, 1998, monitoring of the soil treatment program was performed on a bi-annual basis. The stockpile was checked in July and October, 1998. The presence of petroleum odors in the stockpiled soils indicated that additional treatment time was required.

On August 26, 1999 inspection of the soil stockpile found that no petroleum odors were detectable in the soil. The stockpiled soils were then screened with a photoionization detector (PID) on September 1, 1999. The concentration of petroleum vapors remaining in the stockpiled soil was evaluated through PID headspace screening of soil samples placed in self-sealing plastic bags. Six soil samples were recovered from borings excavated in the top, side and bottom of the soil stockpile. All six samples yielded no PID-detectable vapors. Additionally, no petroleum odors were detected during the sampling operation and no discoloration, staining or other visible evidence of contamination was observed in the soil. No PID-detectable vapors or petroleum odors were recorded outside the containment area. A sketch map detailing the soil sample locations is provided as an attachment.

The PID screening results indicate that the treatment of the no.2 fuel oil and diesel fuel contaminated soils is complete. This being the case, we seek your authorization to dismantle the soil stockpile and use the treated soil as fill on-premises. Providing you agree that the soil treatment program is complete, we also request that you consider the S.D. Ireland Concrete site for a Site Management Activity Closed (SMAC) designation.

Please contact me at your earliest convenience (at 860-1964 or 860-7385) if you have any questions or comments regarding the soil stockpile monitoring results or the proposed stockpile dismantling plan. Thank you for your consideration.

Sincerely,



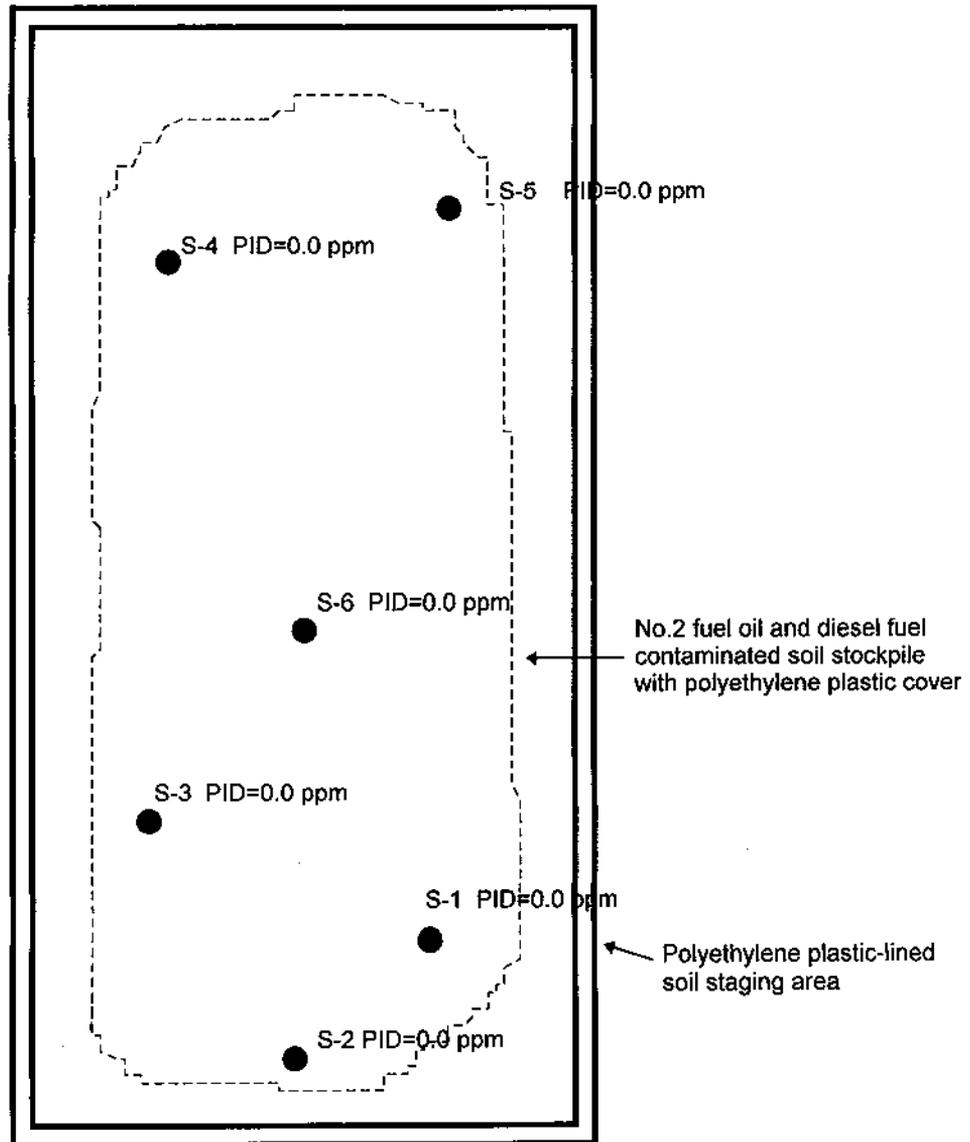
Michael K. Sparks
Principal Hydrogeologist

enclosure

cc: Cliff Wilson, S.D. Ireland Concrete

mks 9-19-99/winword/sdi-sms2.ltr

SOIL STOCKPILE SAMPLE LOCATION MAP
S. D. IRELAND CONCRETE, 100 GROVE ST., BURLINGTON, VT
SEPTEMBER 1, 1999



Scale: not to scale

PID soil vapor values depicted are VOC concentrations above background levels

Prepared: September 19, 1999

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