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November 12, 1997

Mr. Chuck Schwer
Vermont ANR/DEC
Waste Management Division
103 South Main St./ West Bldg.
Waterbury, VT 05671-0404

RE: Annual Soil Stockpile Screening Report
Welton's Sunoco Station, Orleans, Vermont (VT DEC Site #96-2093)

Dear Mr. Schwer:

Attached is a letter report detailing the most recent soil stockpile screening event at the above referenced site.

Please call me with any questions you may have regarding this report.

Sincerely,

Christine Ward
Hydrogeologist

c: Ms. Sharon Abbott, J.W. Sandri, Inc.
GI#1974975



November 6, 1997

Ms. Sharon Abbott
J. W. Sandri, Inc.
P.O. Box 1578
Greenfield, MA 01302-1578

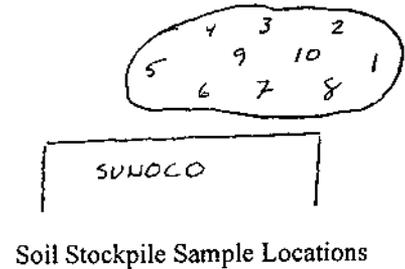
RE: Annual Soil Stockpile Screening Report
Welton's Sunoco Station, Orleans, Vermont (VT DEC Site #96-2093)

Dear Ms. Abbott:

On October 29, 1997, a representative of Griffin International visited Welton's Sunoco Station in Orleans, Vermont, to screen petroleum contaminated soil currently stockpiled at the site. Approximately forty cubic yards of petroleum contaminated soil were generated during the piping replacement for three 6,280-gallon gasoline underground storage tanks (USTs) in October 1996. This work is being conducted in response to a request from the Vermont Department of Environmental Conservation (VTDEC) in a letter dated December 30, 1996, from Mr. Chuck Schwer, VTDEC, to Mr. Edward Bitzer of Sandri.

Ten discrete soil samples were collected with a hand auger from the stockpile. Each sample was screened for VOCs using a HNu™ photo-ionization detector (PID) in accordance with Griffin's Jar/Polyethylene Bag Headspace Analysis Protocol, which conforms to state and industry standards. The depth of the samples and the measured VOC concentrations are summarized in the table on the next page. Locations of the soil samples are indicated on the stockpile sketch on the next page. The attached site map shows the location of the soil stockpile in relation to the Sunoco station.

Sample #	Depth (ft)	Concentration (ppm)
1	3.5	6.0
2	3.5	13.4
3	3.5	7.0
4	3	6.6
5	4	12.2
6	3.5	9.4
7	3	24.
8	3	32.
9	4	5.4
10	4	10.



Based on these screening results, Griffin recommends continued annual soil stockpile monitoring. Annual soil stockpile monitoring should continue until VOC concentrations are non-detectable (i.e., less than 1 part per million), and there are no visual or olfactory indications of petroleum contamination. At that time, with VTDEC approval, the soils may be thin-spread on-site. The next soil stockpile screening will be scheduled for October 1998.

Please feel free to call me with any questions you may have regarding this report.

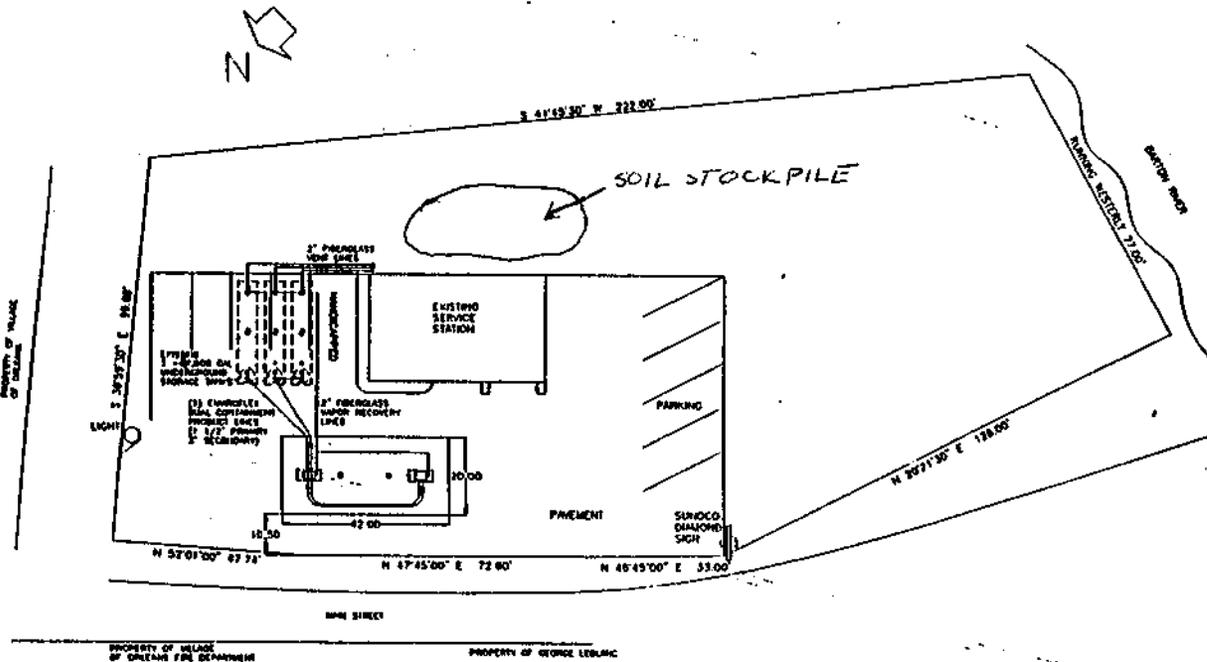
Sincerely,

Christine Ward
Hydrogeologist

c: Mr. Chuck Schwer, VTDEC
GI#1974975

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP/LIAC OF ORLINES.
2. ALL INSTALLATIONS SHALL COMPLY WITH MANUFACTURER'S SPECIFICATIONS.
3. INSTALLATION PROCEDURES SHALL BE AS RECOMMENDED BY THE PETROLEUM EQUIPMENT INSTITUTE'S RECOMMENDED PRACTICES FOR INSTALLATION OF UNDERGROUND LIQUID STORAGE SYSTEMS (PEI/PP 100-80).
4. INSTALLATION OF UNDERGROUND TANKS AND PIPING SHALL BE PERFORMED BY FACTORY AUTHORIZED PERSONNEL.
5. PIPING LOCATION AND ROUTING IS APPROXIMATE AND MAY VARY SLIGHTLY DUE TO SITE CONDITIONS.
6. THE INSTALLATION CONTRACTOR OR GENERAL CONTRACTOR SHALL ASSURE THAT THE TANK OWNER RECEIVES A COPY OF THESE PLANS AND SPECIFICATIONS (ENGINE DOCUMENTS) PRIOR TO COMMENCEMENT OF ANY TANK INSTALLATION RELATED WORK.
7. THE CONTRACTOR SHOULD BE AWARE THAT A STATE CONSTRUCTION APPROVAL IS REQUIRED BEFORE COMMENCEMENT OF ANY TANK INSTALLATION RELATED WORK.
8. THE CONTRACTOR SHALL NOT MAKE OR ALLOW ANY MAJOR CHANGES OR DEVIATIONS FROM THE TANK APPROVED PLANS.
9. ANY CHANGES, DEVIATIONS, IMPROPER NOTIFICATION OR DOCUMENTATION AND RECORD KEEPING OR INADEQUATE OR INCORRECT INSTALLATION PRACTICES ARE NOT THE RESPONSIBILITY OF THE ENGINEER UNLESS SPECIFICALLY RETURNED TO CORRECT THE WORK.
10. THESE SPECIFICATIONS WERE PREPARED TO COMPLY WITH ALL STATE AND FEDERAL REGULATIONS REGARDING UNDERGROUND STORAGE TANKS, HAZARDOUS WASTE, SAFETY, AND CONTAMINATION AND SURFACE WATER PROTECTION. ANY CONTRACTOR, CONSULTANT, ENGINEER, OR INDIVIDUAL WHO USES THESE PLANS AND SPECIFICATIONS TO PERFORM THE WORK ON ANY PORTION OF THE WORK, SHALL COMPLY STRICTLY WITH THE PLANS AND SPECIFICATIONS. NO CHANGES OR DEVIATIONS SHALL BE MADE WITHOUT FIRST NOTIFYING THE STATE OR OBTAINING AN OFFICIAL CHANGE MADE BY THE ENGINEER.
11. THE STATE SHALL BE NOTIFIED PRIOR TO ANY MAJOR LOCATION, CONFIGURATION, OR EQUIPMENT NEW CHANGES.
12. THE ENGINEER IS NOT RESPONSIBLE FOR ANY POLLUTION OR RELEASE FROM THE SYSTEM OR MALFUNCTIONS OF ANY EQUIPMENT, DUE TO UNAUTHORIZED CHANGES OR DEVIATIONS FROM THE PLANS AND SPECIFICATIONS, POOR WORKMANSHIP OR MISTAKES BY THE CONTRACTOR OR TANK OR IMPERFECTIVE EQUIPMENT PROVIDED BY THE CONTRACTOR OR MANUFACTURER.
13. IT IS IMPORTANT THAT THE TANK OWNER READ THE PROCEDURAL SPECIFICATIONS ACCORDING TO THE STATE REGULATIONS. THE TANK OWNER IS RESPONSIBLE FOR ENSURING THAT THERE ARE NO CHANGES OR DEVIATIONS FROM THE TANK APPROVED PLANS, AND THAT THE INSTALLATION IS PERFORMED ACCORDING TO THE MANUFACTURER'S AND INDUSTRY CODES AND REQUIREMENTS.
14. A TANK START LABELING TANKS AND PRODUCTS SHALL BE POSTED BY THE WINDOW OF THE STATION, VISIBLE FROM THE OUTSIDE, TO DESCRIBE THE NEW TANKS.
15. THE CONTRACTOR SHOULD OBTAIN THE DATA NEEDED FROM THE LABEL ON THE TANK PLATE BEFORE BACKFILLING OVER THE TOP OF THE TANK.
16. THE TANK MANUFACTURER'S WARRANTY IS DEPENDENT UPON THE INSTALLATION BEING IN ACCORDANCE WITH THE TANK MANUFACTURER'S REQUIREMENTS, AND THE TANK BEING INSTALLED PROPERLY. IT IS THE TANK OWNER'S RESPONSIBILITY TO ENSURE THIS.



PROCEDURAL NOTES

1. THE STATE AGENCY SHOULD BE INFORMED AS FAR IN ADVANCE OF THE INSTALLATION AS POSSIBLE WITH A TENTATIVE DATE.
2. THE STATE AGENCY SHOULD BE INFORMED ABOUT ONE WEEK BEFORE THE INSTALLATION IS TO COMMENCE TO ESTABLISH A TANK INSPECTION DATE.
3. THE STATE AGENCY SHALL BE NOTIFIED (ORAL) EACH (48) HOURS PRIOR TO THE TANK BACKFILLING OF THE COMPLETED PIPING TO CONFIRM THE INSPECTION DATE.
4. THE TANK SYSTEM CANNOT LEGALLY BE PUT INTO USE WITHOUT THE TANK STATE INSPECTION.
5. THE CONTRACTOR SHALL PROVIDE THE TANK OWNER AND THE OWNER SHALL KEEP ON FILE ALL MANUFACTURER'S PAPERS, INSTRUCTIONS, WARRANTIES AND COMPLETED INSTALLATION CHECKLISTS FOR ALL EQUIPMENT ITEMS.
6. THE TANK OWNER'S CONSULTANT SHALL SUBMIT TO THE STATE AGENCY A TANK CLOSURE REPORT AS REQUIRED BY THE ANN-DEC REGARDING PERMANENT CLOSURE OF THE EXISTING TANKS.
7. RECORD DRAWING SHALL BE KEPT IN THE FIELD SHOWING ACTUAL LOCATIONS, LAYOUT, EQUIPMENT, AND CONFIGURATIONS AS INSTALLED.
8. THE CONTRACTOR PERFORMING THE INSTALLATION SHALL COMPLETE THE TANK AND PIPING INSTALLATION CHECKLIST AS REQUIRED BY THE ANN-DEC.
9. THE STATE UNDERGROUND STORAGE TANK PERMIT SHALL BE POSTED BY A CONSPICUOUS BUT PROTECTED LOCATION.



STATION NUMBER	280	Sandri P.O. BOX 760 GREENFIELD, MA 01302
APPROVALS	DATE	
DESIGN	E. BARRIS 8/22/80	TITLE: UNDERGROUND STORAGE SYSTEM - FACILITY PLAN FOR WELTON'S SUNOCO ORLINES, VT
CHECKED	J. BUSHNELL 8/27/80	
FIELD	H. BUSHNELL	
REVISIONS	E. BARRIS	
SCALE: 1" = 16' FEET		SHEET NO. 1 TOTAL SHEETS 1