FINAL

Soil Vapor Extraction Cells Decommissioning Work Plan for the Wyoming County Fire Training Area Wethersfield, New York

Prepared For:

Wyoming County 143 North Main Street Warsaw, New York 14569

Prepared By:

URS Corporation 77 Goodell Street Buffalo, New York 14203

September 2007

FINAL

SOIL VAPOR EXTRACTION CELL DECOMMISSIONING WORK PLAN

FOR THE

WYOMING COUNTY FIRE TRAINING CENTER

WETHERSFIELD, NEW YORK

VOLUNTARY CLEANUP (SITE V-00604)

PREPARED FOR:

WYOMING COUNTY

143 NORTH MAIN STREET

WARSAW, NEW YORK 14569

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SEPTEMBER 2007

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1.0 INTRODUCTION

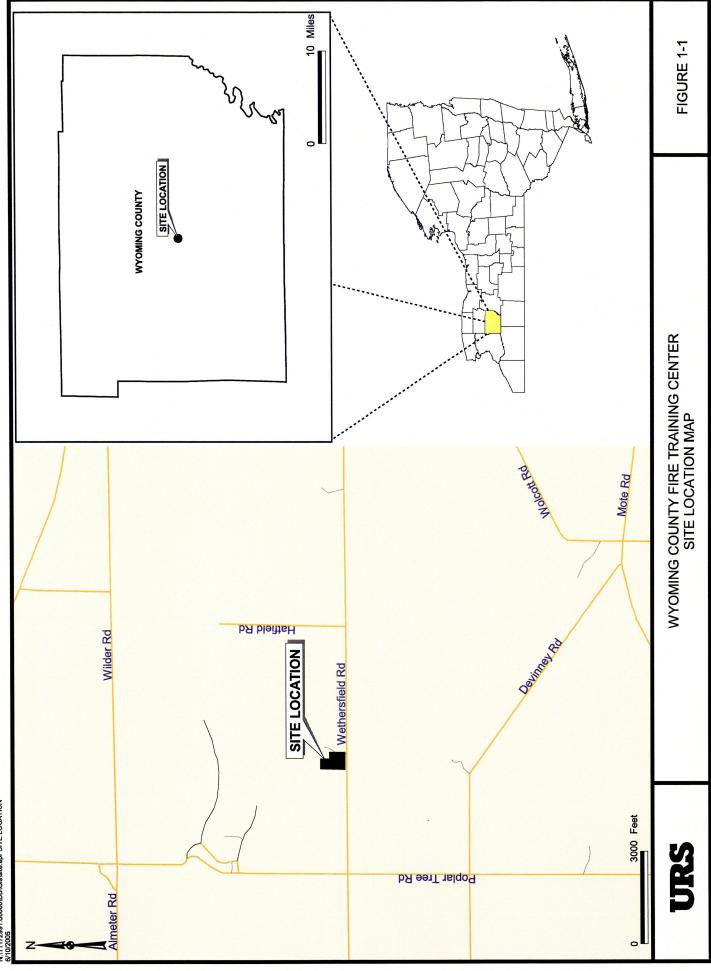
1.1 <u>General</u>

Wyoming County (County) previously operated a Fire Training Center (WCFTC) located at 3651 Wethersfield Road in the Town of Wethersfield, New York (Figure 1-1).

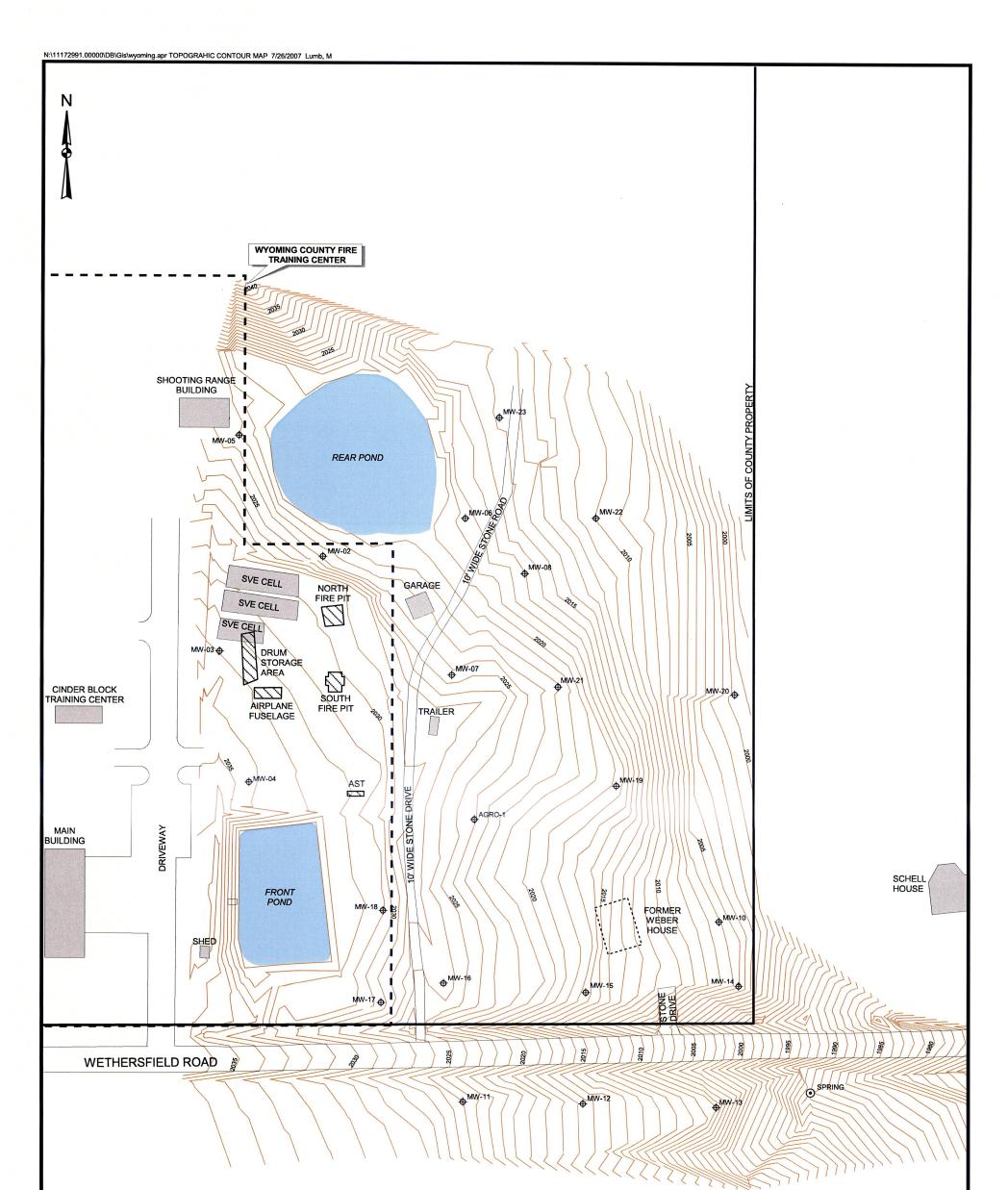
In 2002, the County executed a Voluntary Cleanup Agreement (VCA) with the state of New York to address the site. Subsequent to signing of the VCA, URS developed an, "Interim Remedial Measure Work Plan for Contaminated Soil Removal at the Wyoming County Fire Training Center" and submitted it to the NYSDEC in May 2003. The Work Plan subsequently was approved by the NYSDEC on July 29, 2003. As outlined in the Work Plan, the primary objectives of the IRM at the site were as follows:

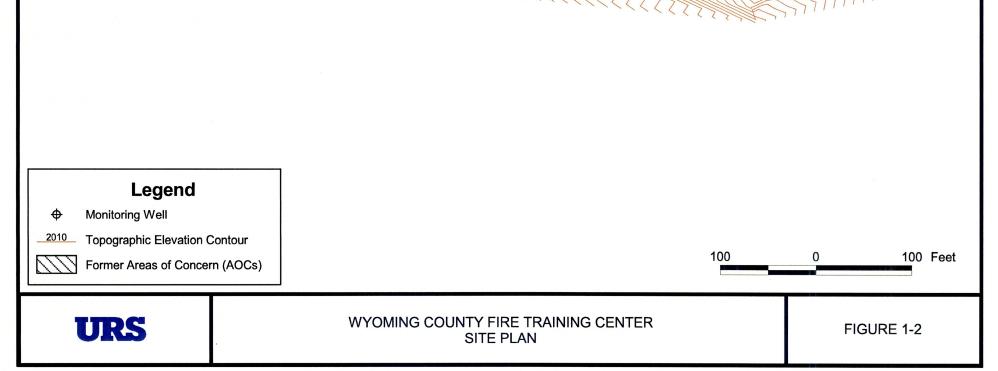
- To excavate contaminated soils to reduce and/or eliminate the potential for contaminants in the soils to affect groundwater.
- To treat the soils onsite such that contaminant levels are below TAGM 4046 criteria for subsequent reuse onsite, or, to levels for off-site non-hazardous disposal.

URS conducted the IRM consisting of the removal of contaminated soil in the four AOCs in September – November, 2003. The VOC-contaminated soils from the four AOCs were placed in three Soil Vapor Extraction (SVE) cells constructed in the northwestern corner of the site, north of the Drum Storage Area (Figure 1-2). The three SVE Cells were operated from January 2004 up until the present. Samples collected in September 2006 from the SVE cells indicate that the VOC concentrations in soil in all three cells are below the TAGM 4046 criteria. Consequently, the goals of the IRM have been met and the SVE cells can be decommissioned.



N:\11172991.00000\DB\Gis\site.apr SITE LOCATION





1.2 <u>Purpose</u>

Now that the VOC-contaminated soils have been remediated the SVE Cells are no longer necessary. Consequently, URS has prepared this Soil Vapor Extraction (SVE) Cell Decommissioning Work Plan (Work Plan) to provide guidelines for decommissioning the three SVE cells and removing a previously identified related corrugated plastic pipe.

URS will serve as the lead engineer (Engineer) for this project. Nature's Way Environmental Consultants and Contractors (NWECC), of Crittenden, New York, will serve as the construction contractor (Contractor) responsible for conducting the majority of the SVE system decommissioning.

2.0 SVE CELLS

2.1 <u>Construction and Operation</u>

Ex-Situ remediation of VOC-impacted soils utilizing SVE technology as the contaminant removal/reduction mechanism involves the use of vacuum blower(s) to produce a negative pressure gradient within the pore spaces surrounding the soil particles, which induces airflow through the waste matrix. The induced airflow causes movement (partitioning) of volatile organic contaminants, in vapor form, into the air stream. The VOC-laden air stream is transported to a treatment device (i.e., Granular Activated Carbon filter) for contaminant removal and concentration for recycling, and/or destruction. Airflow is discharged after treatment.

As indicated, three SVE cells were constructed on site. The cells measure approximately $80.0' L \ge 20.0' W \ge 7.0' H$. A detailed description of the methods and procedures used to construct the cells is provided in the, "Interim Remedial Measures and Supplemental Hydrogeologic Investigation Report of the Wyoming County Fire training Area" prepared by URS and dated November 2004 (Revised January 2005).

Work was initiated in September 2003 and was essentially completed by late November. Approximately 975 cubic yards (cy) of VOC-impacted soil was excavated from the four AOCs and placed in the three SVE Cells for treatment.

Following construction and filling of the treatment cells, the SVE system was placed into operation on January 13, 2004. The SVE cells have been operated intermittently up until the present. In general, the blowers are shut down during the winter months and re-started in the late spring and continued throughout the warmer summer months.

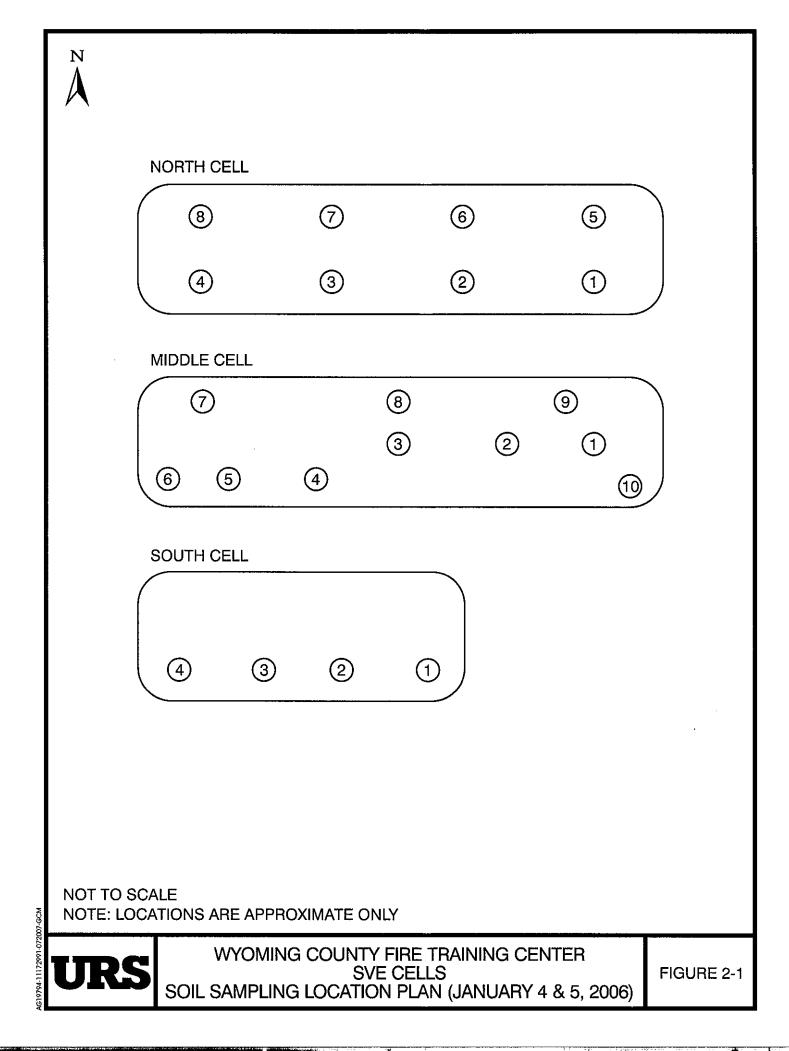
2.2 <u>Monitoring Results</u>

Air effluent sampling and analysis was performed consistent with the NYSDECapproved work plan; at weekly intervals for the first month. Thereafter air effluent analysis was performed periodically to determine whether or not emission controls were still required to meet regulatory limitations. In addition, laboratory analysis of SVE system influent air (before carbon) air was conducted to evaluate contaminant removal rates and quantities, as well as to gauge remedial progress.

Organic Vapor Analyzer (OVA) readings were obtained periodically from the air lines between the cells and the first carbon canister, between the first and second carbon canisters, and again on the discharge line after the second carbon canister (Appendix A). Consistent with the IRM Work Plan, soil samples also were collected and analyzed when the influent air OVA readings indicated that remediation of the soils under treatment might be complete (i.e. OVA readings less than 5.0 ppm above background).

The initial round of soil sampling was performed in January 2005. A geoprobe rig was utilized to install 8 holes in the north cell, 10 holes in the middle cell and 4 holes in the south cell at the approximate locations shown on Figure 2-1. At each location, a flap was cut in the geomembrane to expose the treated soil. The sampling probe was pushed into the soil to a maximum depth of 2.0 feet. The sampler was opened and each 6-inch interval of soil was screened with a PID to determine the relative concentration of VOCs present, if any. Each screened interval was identified as A, B, C and D, based on increasing depth. A summary of the PID readings is contained in Appendix B.

Soil samples were collected from those intervals that exhibited elevated PID readings, (i.e. > 10 ppm) and submitted for analysis of VOCs. If no samples exhibited elevated readings, then those intervals with the highest detectable VOC concentrations were submitted to the lab for analysis. A total of 10 samples were submitted for analysis.



The analytical results are contained in Appendix C and summarized in Table 2-1. The VOC concentrations subsequently were compared with the recommended soil cleanup objectives listed in the NYSDEC Technical and Administrative Guidance Memorandum HWR-94-4046 (TAGM 4046). As indicated on the Table, only samples 7D and 8D from the North cell and 4C from the South cell exhibited concentrations for one or more VOCs that exceeded the TAGM 4046 criteria, hence, operation of the SVE Cells continued.

A second round of soil samples was collected from the three cells on September 14, 2006. A hand-held power auger drill was used to advance holes at the approximate locations shown on Figure 2-2. A bucket auger was used to collect soil samples at selected depths ranging from about 2 - 8 feet. Inasmuch as the previous sampling had shown that only the deeper soils in the pile still contained elevated concentrations of VOCs, the intent was to collect samples from near the base of the piles. One of the sampling locations was positioned in the North Cell in the vicinity of former samples 7D and 8D and one was positioned in the South cell near former sample 4C (where VOC concentrations exceeded TAGM 4046 criteria). The third sampling location was located in the eastern portion of the Middle Cell. The soil samples were screened with a PID to determine the relative VOC concentration present, if any. Based on the PID results, one sample from each cell was selected and submitted to the lab for VOC analysis.

The analytical results are contained in Appendix C and summarized in Table 2-1. As indicated, all of the detected VOC concentrations are below the TAGM 4046 criteria. This indicates that the SVE treatment has been successfully completed and that the soils are essentially "clean" and suitable for unrestricted use on, or off, the site.

As an added measure to reduce any potential residual VOC concentrations in the soils, a solution of 7% hydrogen peroxide and potassium persulfate (Klozur) was injected into the three SVE cells on September 21-22, 2006, during implementation of the in-situ chemical oxidation portion of the Remedial Action Work Plan at the WCFTC. This mixture is specifically designed to chemically oxidize any residual organic compounds in the soils.

| N | |
|--|------------|
| NORTH CELL | |
| O S4 | |
| | |
| MIDDLE CELL | |
| (SEE NOTE 1) | |
| SOUTH CELL O S1 | |
| NOT TO SCALE NOTES: 1) SAMPLE NOT COLLECTED AS SOIL WAS MOSTLY GRAVEL 2) SAMPLING LOCATIONS ARE APPROXIMATE ONLY | |
| 2) SAMPLING LOCATIONS ARE APPROXIMATE ONLY WYOMING COUNTY FIRE TRAINING CENTER SVE CELLS SOIL SAMPLING LOCATION PLAN (SEPTEMBER 14, 2006) | FIGURE 2-2 |

TABLE 2-1

SUMMARY OF SOIL SAMPLE ANALYTICAL DATA

| | | SOUTH | I SVE CELL | | | |
|-------------------------|----------------------------|---------------|---------------|---------------|---------------|-----------------------------|
| | | 0 | 1/05/05 | | | 09/14/06 |
| TAGM 4046 (μg/kg) | Compound | 2C (µg/kg) | 4C (µg/kg) | | | S1 2.5'- 3.5' (μg/kg) |
| 800 | 1,1,1-Trichloroethane | | 7,340 | | | |
| 200 | 1,2-Dichloroethane | | 2980 | | | |
| 300 | cis-1,2- Dichloroethene | 2.65 J | 2,980 | | | 13.5 |
| 200 | Acetone | 3.37 JB | | | | |
| 5,500 | Ethylbenzene | | 10,500 | | | |
| 1,200 | m,p-Xylene | | 46,100 | | | |
| 1,200 | o-Xylene | | 16,700 | | | |
| 1,400 | Tetrachloroethene | 138 | 492,000 E | | | 711 |
| 1,500 | Toluene | | 9,260 | | | |
| 700 | Trichloroethene | | | | | 35.6 |
| | Xylenes, Total | | 62,800 | | | |
| | | | H SVE CELL | | | |
| | | | 1/05/05 | | | 09/14/06 |
| TAGM 4046 (μg/kg) | Compound | 4D (µg/kg) | 5A (μg/kg) | 7D (µg/kg) | 8D (µg/kg) | S4 5'-6' (μg/kg) |
| 800 | 1,1,1-Trichloroethane | | | 150,000 | 31,800 | |
| 300 | cis-1,2- | 98.2 | | , | - , | |
| | Dichloroethene | | | | | |
| 200 | Acetone | | 3.84 | | | |
| 5,500 | Ethylbenzene | | | 3,680 J | | |
| 1,200 | m,p-Xylene | | | 11,500 | | |
| 1,200 | o-Xylene | | | 6,070 | | |
| 1,400 | Tetrachloroethene | 638 E | 207 | 1,410,000 E | 363,000 | 14.2 |
| 1,500 | Toluene | | | 1,640,000 E | 479,000 | |
| 700 | Trichloroethene | 14.7 | | | | |
| | Xylenes, Total | | | 16,500 | | |
| | | MIDDL | E SVE CELL | | | |
| | | 0 | 1/05/05 | | | 09/14/06 |
| TAGM 4046 (μg/kg) | Compound | 1C (µg/kg) | 3B (µg/kg) | 6D (μg/kg) | 7B (µg/kg) | S3 7'-8 (μg/kg) |
| 800 | 1,1,1-Trichloroethane | | | 2.00 J | | |
| 300 | cis-1,2- Dichloroethene | | | | 2.52 J | |
| 200 | Acetone | | 4.56 JB | 5.65 J | | 1 |
| 1,400 | Tetrachloroethene | 45.1 | 1.56 J | 279 E | 136 | 32.6 |
| -, | | | 1.000 | | 0.836 J | 22.0 |

- A total of 244 gallons of the hydrogen peroxide/potassium persulfate mixture was injected into the four-inch under drain and the top vent pipe of the North SVE Cell.
- A total of 368 gallons of the hydrogen peroxide/potassium persulfate mixture was injected into the four-inch under drain and the top vent pipe of the South SVE Cell.
- A total of 244 gallons of the hydrogen peroxide/potassium persulfate mixture was injected into the four-inch under drain and the top vent pipe of the Middle SVE Cell.

Following injection, the hydrogen peroxide/potassium persulfate solution was recirculated through each SVE cell by pumping the liquid out of the underdrain pipe and reinjecting it into the cell through the uppermost vent pipe. This process was continued until no further off-gassing (i.e. bubbling) of the hydrogen peroxide/persulfate mixture was noted.

Based on the discussions above, it is recommended that the SVE Cells be decommissioned and that the treated soils be spread onsite in the vicinity of the former fire pits, and seeded to minimize erosion.

3.0 SVE CELL DECOMMISSIONING PROCEDURES

3.1 <u>General</u>

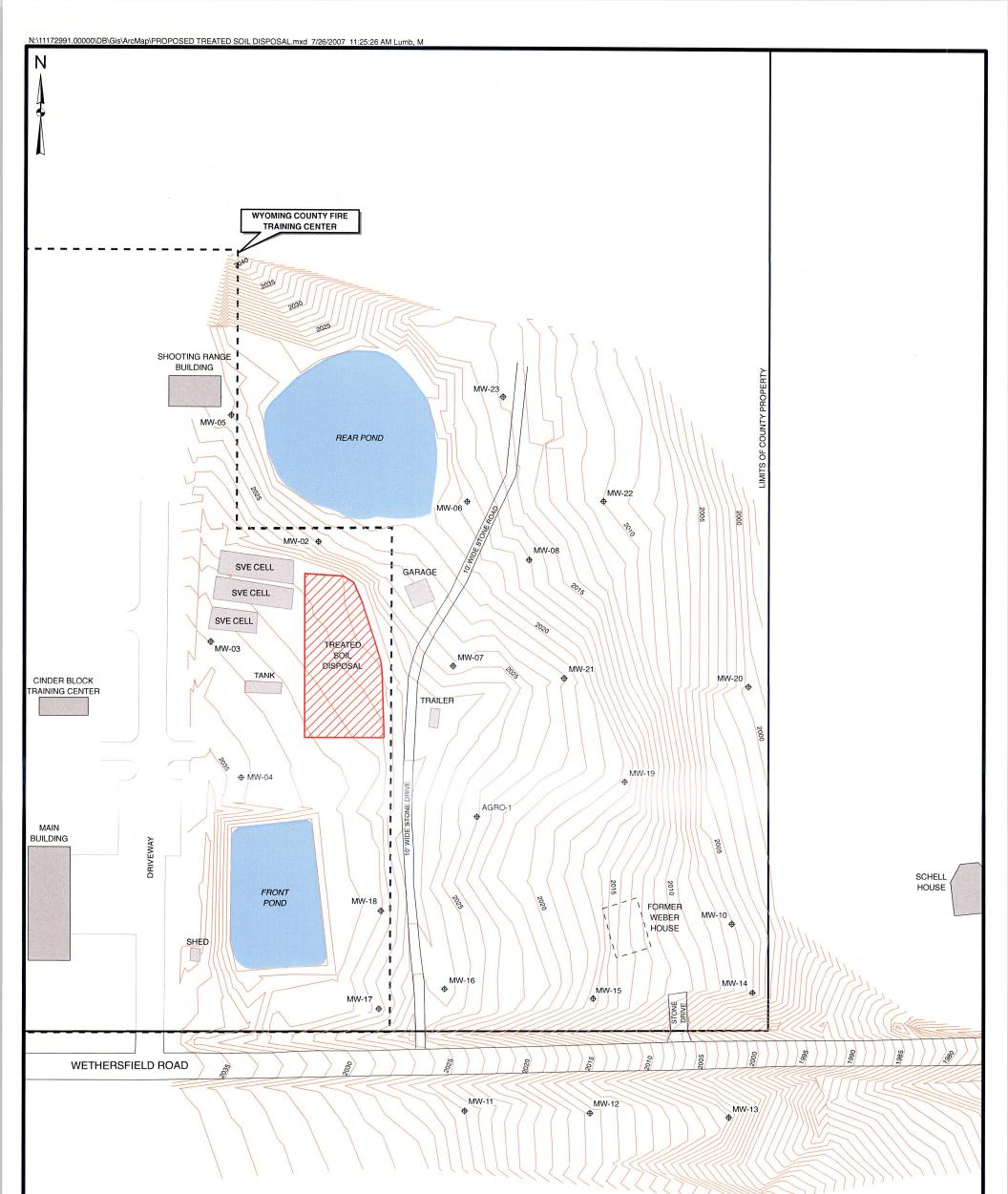
The three SVE cells will be decommissioned by removing the geomembrane cover on each of the SVE cells, relocating the treated soil to the open area in the vicinity of the former North and South Fire Pits, and spreading the treated soil on the ground. The proposed treated soil disposal area is shown on Figure 3-1. During removal of the treated soil from the SVE Cells, the soil will be screened with a PID to determine if any VOCs are still present.

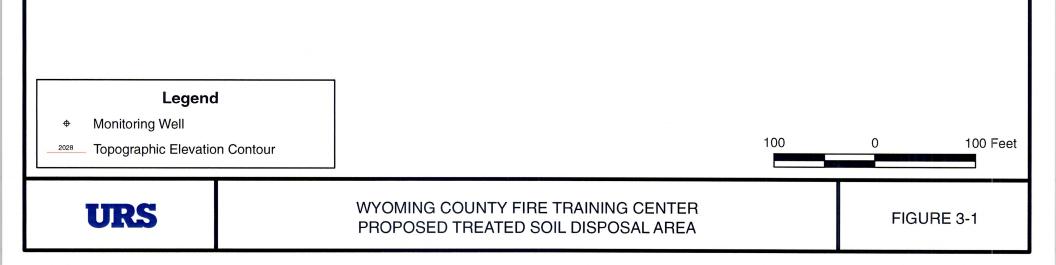
3.2 <u>Removal of Geomembrane Cover</u>

The SVE piping system that runs to each of the SVE cells will be disconnected and placed in a roll-off container staged by the SVE cells. The geomembrane cover on each SVE cell will then be cut into manageable pieces, removed, and placed in the roll-off container. The SVE piping and the geomembrane cover will be disposed of at a landfill as non-hazardous solid waste.

3.3 Handling of Treated Soil

Following the removal of the geomembrane covers and the SVE piping system, an excavator will be used to remove the treated soil from each cell. The treated soils will be removed from each SVE Cell sequentially. As the treated soil is removed from the SVE cells, the soil will be screened with a PID for volatile organic vapors. Soil with PID readings ≤ 10 ppm above background will be placed in dump trucks and transported to the open area in the vicinity of the former North and South Fire Pits where it will be dumped and spread by dozer an average thickness of 12-18 inches. The soils will be graded to maintain positive site drainage. Once all of the acceptable treated soil has been spread, grass seed will be broadcast over the area.





Soil with PID readings >10 ppm above background will be segregated and placed on polyethylene sheeting. The amount of stockpiled soils with PID readings >10 ppm will be assessed continuously. If it appears that the volume of soils is fairly large, then the 3^{rd} SVE Cell won't be completely dismantled. The treated soils will be removed, but the lower gravel layer and piping will be left intact. This will allow the soils with elevated PID readings to be placed back in the cell for additional treatment, as warranted

Alternatively, if the volume of soil with PID readings >10 ppm is small, then the SVE cells will be completely dismantled and the contaminated soil disposed offsite in a permitted facility. If offsite disposal is required, selected samples will be collected from the temporary stockpile and submitted for analysis of required landfill disposal parameters. The number of samples will be determined in the field based on the volume of stockpiled soil and discussions with the onsite NYSDEC representative.

SVE piping encountered during the removal of treated soil from the SVE cells will be recovered and placed in the roll-off container. The SVE piping will be disposed of at a landfill as non-hazardous solid waste. The gravel bedding in the lower portion of each cell also will be screened and removed and placed in the same areas as the treated soils.

3.4 <u>Removal of Geomembrane Liner</u>

Following removal of the treated soil and gravel bedding, the underlying geomembrane liner will be cut into manageable size pieces, removed, and placed in the roll-off container. The geomembrane liner will be disposed of at a landfill as non-hazardous solid waste. The existing soil berms that were constructed around each SVE cell will be pushed into the SVE Cell footprint and re-graded to provide positive drainage. If additional materials are required to restore the area to original conditions, the treated soils will be utilized. The area will be re-seeded to minimize erosion.

The geomembrane material, process piping and/or contaminated soils will be transported by licensed waste haulers under appropriate Non-hazardous Waste Manifests or Bills of Lading.

4.0 CONTRACTOR'S SCOPE OF WORK

4.1 Mobilization & Site Control

The Contractor (Nature's Way Environmental Consultants and Contractors) will be responsible for mobilization and site setup. The Contractor will procure and transport the necessary resources to accommodate the project requirements (i.e. labor, materials, and equipment). The requirements include, but are not limited to, the information provided in this section. Other requirements not specifically provided herein, but necessary for the successful conduct and completion of the work, will be provided by the County or URS to the Contractor.

4.2 <u>Temporary Facilities</u>

The County will make space available within the WCFTC building for a small Site Office/Work Area to be used by Project Management and NYSDEC personnel during work On-Site. Site workers will have access to, and may utilize, existing WCFTC bathroom and potable water facilities during SVE cell decommissioning operations.

4.3 Erosion and Sediment Control

In accordance with *New York Guidelines for Urban Erosion and Sediment Control* (New York 1997), an erosion and sediment control plan must be prepared for any construction activity that exceeds 1 acre in size. Because the total proposed soil disposal area is less than 1 acre in size, it is not anticipated that the Contractor will need to submit a Notice of Intent to the NYSDEC Division of Water to obtain coverage under the State Pollution Discharge Elimination System (SPDES) General Permit #GP-02-01 for stormwater discharges associated with construction activities. Sediment and erosion controls will be incorporated into the overall scope of work as a Best Management Practice and to re-establish vegetation.

4.4 <u>Community Air Monitoring Plan</u>

Residences within one-half mile of the WCFTC will be notified, in writing, at least one week prior to the SVE cell decommissioning. Based on the size, location, and setting of the WCFTC, no impact to nearby residents is expected as a result of the SVE cell decommissioning work. Notification, continuous downwind air monitoring for VOC's during SVE cell decommissioning work, and fugitive emissions control measures will assure that there will be no impact to residents.

It is expected that all SVE cell decommissioning work will be completed in USEPA Level D personal protective equipment.

Air monitoring procedures outlined in the Health and Safety Plan contained in the previous IRM Work Plan for Contaminated Soil Removal (URS – August 2003) will be utilized.

5.0 CORRUGATED PLASTIC PIPE

A 4-inch diameter corrugated plastic pipe extends from just north of the north Fire Pit about 80 feet to the northwest, under the northeast corner of the northernmost SVE cell (Figure 5-1). This pipe is to be removed and disposed offsite.

Once the SVE cells are removed, excavation of the corrugated pipe will proceed. The excavation will be initiated at the eastern end of the pipe and progress northwest. A small trackhoe will be used to excavate a trench approximately 1 - 2 feet wide to expose the pipe. The excavated soils will be visually examined for any evidence of petroleum contamination (i.e. staining, discoloration, odor, etc.) and screened with a PID to determine if any VOCs and/or petroleum are present in the excavated soils. "Clean" soils (i.e. PID readings \leq 5ppm above background and no visual evidence of contamination) will be staged alongside the excavation for use as backfill. Any soils exhibiting elevated PID readings (i.e. > 5 ppm above background) or visual evidence of contamination, will be segregated and placed on polyethylene sheeting in a temporary stockpile. The soils will be handled using the same procedures outlined in Section 3.3. The pipe will be removed and placed in a roll-off for offsite disposal as non-hazardous waste.



APPENDIX A

INFLUENT/EFFLUENT AIR QUALITY DATA

SYSTEM START-UP

JANUARY 13, 2004

| | | Vacuum Reading "H2O | OVM/PID Reading Before Carbon Treatment | OVM/PED Reading After first Carbon Drum | OVM / PID Reading After Second Carbon Drum |
|--|-------------------------------|------------------------|--|--|---|
| | | * | 70.2 | 0.0 | 0.0 |
| 1/14/04 | | 1 | 20.0 influent | | 0.0 effluent |
| 1/15/04 | | 60 | 17.7 | 0.0 | 0.0 |
| 1/22/04 | system off on arrival | · | 32.6 | 0.0 | 0.0 |
| | system off on arrival-restart | 80 | | | - |
| | 15minutes | 66 | 6.0 | 0.0 | 0.0 |
| | 25 minutes | 63 | 12.8 | | 0.0 |
| T | | 47 | 13.8 | 0.0 | 0.0 |
| 3/12/04 | system running on anival | 6 | 9.0 | 0.0 | 0.0 |
| | system running on arrival | 6 | 3.3 | 0.0 | 0.0 |
| | system running on arrival | 3 | 25.5 | 0.7 | 0.6 |
| | system running on arrival | 4 | 26.0 | 16,0 | 0.0 |
| | system off on arrival | 3 | 14.0 | 0.4 | 0.0 |
| | system muning on arrival | - | 14.2 | 1.1 | 0.0 |
| States and the second s | | | | | |

Wyoming County Fire Training Center Wethersfield, New York System Data Table

Nov 08 04 08:21a

Nature's Way

716-937-9360

p. 2

:

| herstield, New York | tem Data Table (Cells) |
|---------------------|------------------------|
| Vether | System] |
| | Vethersfield, New York |

| | | North Cell | Cell | | | Middl | Middle Cell | | | South Cell | L Cell | |
|---------|--------------------------|-----------------------------|----------------------|-------------------------|--------------------------|-----------------------------|----------------------|-------------------------|--------------------------|-----------------------------|----------------------|-------------------------|
| | Influent Top (ppm) | Influent Bottom (ppm) | Vac Top ("H2O) | Vac Bottom ("H2O) | Influent Top (ppm) | Influent Bottom (ppm) | Vac Top ("H2O) | Vac Bottom ("H2O) | Influent Top (ppm) | Influent Bottom (ppm) | Vac Top ("H2O) | Vac Bottom ("H2O) |
| 7/13/04 | 7.2 | 5.6 | ı | l | 42 | 7.0 | | F | 28.0 | N/A | 1 | N/A |
| 9/1/04 | 0.1-0.0 | 0.01/0.0 | 1.0-2.0 | 1.0-2.0 | 0.0/0.0 | 0.0/8.0 | 1.0-2.0 | 1.0-2.0 | 30.0- 41.8 | N/A | 1.0-2.0 | N/A |
| 9/30/04 | 9/30/04 0.0/0.0 0.0/3.3 | 0.0/3.3 | 3.0 | 3.0 | 0.0/0.0 | 0.0/6.2 | 3.0 | 3.0 | 23.0 | NA | 3.0 | N/A |

initial reading / only valve open reading

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PARADIGM ENV

Results in mg / m3 ND< 2.00 ND< 2.00

ND< 2.00

ND< 2.00

Results in mg / m3 ND< 10.0 ND< 5.00 ND< 5.00 ND< 5.00

Results in Mg / m3 ND< 5.00 ND< 5.00

PARADIGM

179 Lake Avonus Rochaster, New York 14508 (585) 647 - 2530 FAX (585) 647 - 331

Volatile Analysis Report for Air Samples

Client: Nature's Way Environmental

| Client Job Site: | Wyoming Center Fire | Lab Project Number: | 04-0203 |
|---|---|---|--|
| | Training Venter | Lab Sample Number: | 1325 |
| Client Job Number: Field Location: Field ID Number: Sample Type: | N/A Before Carbon Filter N/A Air | Date Sampled: Date Received: Date Analyzed: | 01/13/2004 01/15/2004 01/28/2004 |

| | | (and the second |
|--|--------------------|---|
| Halocarbons | Results in mg / m3 | Aromatics |
| Bramodichloramethane | ND< 2.00 | Benzene |
| Bramomelhane | ND< 2.00 | Chlorobenzene |
| Bromolorm | ND< 2.00 | Ethylbenzene |
| C letrachloride | ND< 2.00 | Toluene |
| Gnicidethane | ND< 2.00 | m.p - Xylene |
| Chioromelhane | ND< 2.00 | a - Xylene |
| Z-Chiorcelhyl vinyl ether | ND< 2.00 | Styrene |
| Chloroform | ND< 2.00 | 1,2-Dichlorobenzene |
| Die: emochloromethane | ND< 2.00 | 1,3-Dichlorobenzene |
| 1.1-Dichloroelhane | ND< 2.00 | 1.4-Dichlorebenzene |
| 1.2-Dichloroelhane | ND< 2.00 | |
| 1,1-Dicilcrcethene | ND< 2.00 | Ketones |
| cis-1.2-Dickloroethene | ND< 2.00 | Acelone |
| trans-1.2-Dichloroethene | ND< 2.00 | 2-Bulanone |
| 1.2-Dichloropropane | ND< 2.00 | 2-Hexanone |
| | ND< 2.00 | 4-Methyl-2-pentanone |
| cis-1.3-Dichloropropene Irans-1,3-Dichloropropene | ND< 2.00 | |
| | ND< 5.00 | Miscellaneous |
| Methylena chloride | ND< 2.00 | Carbon disulfide |
| 1.1.2.2-Tetrachloroethene | 17.1 | Vinyl acclate |
| Telrachlordeinche | 13.0 | |
| 1,1,1-Trichloroelhane | | |
| 1.1.2-Trichlomelhane | ND< 2.00 | |
| Trichioroelhene | ND< 200 | |
| Trichlorofiuoromethane | ND< 2.00 | |
| Viny! Chloride | ND< 2.00 | |
| ELAP Number 10709 | Melhod: EPA 8260 | B Modified for Tedlar Bag |
| | | |

Comments:

Signature:

ND denotes Non Detect

mg / m3 = milligrem per Cubic Meter

Enuce Hoogesteger, Technical Director

01<u>/25/200</u>/ 14:47 15856473311

PARADIGM ENV

PAR ADIGI

179 Lake Averue Rochester, Now York 14008 (\$85) 647 - 2530 FAX (535) 647 - 3311

Volatile Analysis Report for Air Samples

Client: Nature's Way Environmental

| | _ | ۱. | |
|---|---|---|--|
| Client Job Sile: | Wyoming Center Fire Training Venter | Lab Project Numbor: Lab Sample Numbor: | 04-0203 1326 |
| Cilen: J ob Number: Field Loca tion: Field ID Number: Somple T ype: | N/A Afler First Filler N/A Air | Date Sampled: Date Received: Date Analyzed: | 01/13/2004 01/15/2004 01/28/2004 |

| | Results in mg / m3 | Aromatics | Results in ma |
|---------------------------|--------------------|--|--------------------|
| alocarbons | | Seczene | ND< 2.0 |
| Bremedichloromethane | ND< 2.00 | Chiorobenzene | ND< 2.0 |
| Bromomelhane | ND< 2.00 | Ethylbenzene | ND< 2.0 |
| Bromotorm | ND< 2.00 | Toluene | ND< 2.0 |
| Childon leirechloride | ND< 2.00 | m,p-Xylena | ND< 2.0 |
| Cilluroathane | ND< 2.00 | o - Xylene | ND< 2.0 |
| Chloromethane | ND< 2.00 | | ND< 2.0 |
| 2-Chloroethyl vinyl ether | ND< 2.00 | Siyrene 1.2-Dichlorobenze ve | ND< 2.0 |
| Chloroform | ND< 2.00 | 1,3-Dichlorobenzene | ND< 2.0 |
| Dibromochloromelhane | ND< 2.00 | 1,4-Dichlorobenzene | ND< 2.0 |
| 1.1-Dichleroelhane | ND< 2.00 | 1,GrDictacionenicorio | |
| 1.2-Dichloroethane | ND< 2.00 | | Results in m |
| 1,1-Dichloroethene | ND< 2.00 | Ketones | ND< 10. |
| cis-1.2-Dichloroethene | ND< 2.00 | Acetona | ND< 5.0 |
| irans-1.2-Dichloroethene | ND< 2.00 | 2-Sulanone | ND< 5.0 ND< 5.0 |
| 1,2-Dichloropropane | ND< 2.00 | 2-Hexanone | ND< 5.0 |
| cis-1.3-Dichloropropene | ND< 2.00 | 4-Methyl-2-pentanone | NUK O.C |
| irans-1,3-Dichloropropene | ND< 2.00 | | |
| Melhylene chloride | ND< 5.00 | Miscellaneous | Results in # |
| 1.1.2.2-Telrachiorcelhana | ND< 2.00 | Carbon disulfide | ND< 5.0 |
| Terschloroethene | ND 4 2.00 | Vinyi acetale | ND< 5.0 |
| 1,1,1-Trichloroethane | ND< 2.00 | | |
| 1.1.2-Trichloraethane | ND< 2.00 | | |
| Trichloroethene | ND< 2.00 | | |
| Trichloroficoromethane | ND< 2.00 | | |
| Vinyl Chloride | ND< 2.00 | | |
| ELAP Number 10709 | | E Modified for Tediar Bag | |

Comments:

NC denotes Non Detect mg / m3 = milligforn per Cubic Meter

Sigmeture:

Bruce Hoojectoger: Technical Director

FILL IN DEMONSTRATING YES

12222

01/29/2004 14:47 15856473311

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PARADIGM ENV

PAR THE DESIGNAL SERVICES. DO

179 Letter Avenue Rochester, New York 14508 (595) 647 - 2530 FAX (585) 847 - 3011

Volatile Analysis Report for Air Samples

Client: Nature's Way Environmental

| Client Job Site: | Wyoming Center Fire | Lab Project Number: | 04- 0203 |
|---|---------------------------------------|---|--|
| | Training Venter | Lab Semple Number: | 1327 |
| Client Job Number: Field Location: Field ID Number: Sample Type: | N/A After 2nd Filler N/A Air | Date Sampled: Date Received: Date Analyzed: | 01/13/2004 01/15/2004 01/28/2004 |

| | | Aromatics | Results in mg / mi |
|--|--------------------|---------------------------------------|--------------------|
| Halocarbuits | Results in mg / m3 | Benzehe | ND< 2.00 |
| Bromediohioromelhane | ND< 2.90 | Chlorobenzene | ND< 2.00 |
| Bromomelhane | ND< 2.00 | | ND< 2.00 |
| Bromelorm | ND< 200 | Elityibenzene Toluene | ND< 2.00 |
| Carbon Isirachloride | ND< 2.00 | • | ND< 2.00 |
| Chiercethane | ND< 2.00 | m,p - Xylene | ND< 2.00 |
| Chloromethane | ND< 2.00 | o - Xylene | ND< 2.00 |
| 2-Chieroelhyi vinyi ether | ND< 2.00 | Styrene | ND< 2.00 |
| Chloroform | ND< 2.00 | 1,2-Dichlorobenzene | ND< 2.00 |
| Dibromachloromethane | ND< 2.00 | 1,3-Dichlorobenzane | ND< 2.00 |
| 1.1-Dichloroelhane | ND< 2.00 | 1,4-Dichlorobenzene | NO 2.00 |
| 7.2-Dichleroethane | ND< 2.09 | | |
| 1,1-Dichloroelhene | ND< 2.00 | Ketones | Results in mg / n |
| cis . 2. Dichloroeihene | ND< 2.00 | Acetone | ND< 10.0 |
| irarss-1,2-Dichloroelhane | ND< 2.00 | 2-Butanone | ND< 5.00 |
| 1.2-Dichloropropane | ND< 2.00 | 2-Hexanone | ND< 5.00 |
| cis-1.3-Dichlompropene | ND< 2.00 | 4-Melhyl-2-pentanone | ND< 5,00 |
| laster, S-Dichloropropene | ND< 2.00 | | |
| Sobylene chioride | ND< 5.00 | Miscellaneous | Results in mg / a |
| 1,1,2,2-Tetrachloroelhane | ND< 2.00 | Carbon disulfide | ND< 5.00 |
| Tetrachloroethene | 4.95 | Vinyi acetale | ND< 5.00 |
| 1,1,1.Trichloroethane | ND< 2.00 | | |
| | ND< 2.00 | l l | |
| 1,1,2-Trichloroethane Trichloroethene | ND< 2.00 | | |
| Trichicroflucromethane | ND< 2.00 | | |
| | ND< 2.00 | i ł | |
| Vinyl Chlaride | | 3 Modified for Tedler Bog | |
| ELAP Number 10709 | | the second state of the second second | |

Gernments:

ND denotes Non Detect mg / m3 = milligram per Cubic Meter

Bruce Hoogastoger; Jechnical Director

Signature;

FIL IN GAOZOSVE,XLS

CHAIN OF CUSTODY

| PARADIGM | MOIC | | | | Ö | HAIN | CHAIN OF CUSIUUN | | | の一般の主要なななない。 | |
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| 174 Lake Avenue | | Ę | 圈】 | CRIHENDE | 30, | | ATTACHERS : 553 C.A. | Carl HENDER RO | U PENDER | TURNERGUND TIME: (WORKING DAVE) | |
| Roctwellor, NY 14608 (R85) 647-2530 * (600) 724-1987 Eax: (565) 647-3311 | 08 300) 724-1987 11 | | | N.V. | 14036 | | ALTERNOR A | 2) PAR 987. 6360 | | Ĩ | |
| | | 5 | 5(9) | 6537 (216 17.2) | The second second second | Armi | Correction Charles | 3 | | 3 0 5 | جا |
| PROJECT NAMEBUTE WHAT | | _K | CALCS CALCS | CO WEBBER | | | 3 | | | | |
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| If acceptable { | if acceptable or neite deviation: A | Ë - | • | | | | | | and the second se | Tedal Cost | losti |
| Sarphill By | 1.1 | | | 03/4/1/ms: 1.1.1.1.1. 0.1/2 | Relinquished By: | hed By: | | | e in 1919/19 | | |
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| Relifiquestion | PV: NLA | 41 | | 1/13/04-14:20 | | An Lah B | | | Cate/TIme: | BLF | |
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INFLUENT/EFFLUENT AIR READINGS

APRIL 15, 2004

| /27/2004 07:1 | G FAX | | , | | | 002 |
|---------------------------|---|---------------------------------------|------------------------------|-------------------------|------|------|
| 1/27/2004 07: | 13 15850 | 5473311 | | | PAGE | 02/0 |
| | | | | | | |
| ARADIGM | | | | | | |
| TEOPERATUL SERVICES, FRE. | 178.4 | ake Avenue Rocheger, New York 14608 | (585) 047 - 2530 FAX (585) 8 | 647 - 3311 | | |
| | | | | | | |
| | | <u>Volatile Analysis R</u> | <u>eport for Air</u> | | | |
| | | | | | | |
| Client: <u>NWEC</u> | AC. Inc | | | | | |
| Cleant | Job Site: | Wyoming County Fire | Lab Project Number: | 04-1035 | | |
| Chairs | JUD Bire. | Training Center | Lab Sample Number: | 4044 | | |
| Client | Job Number: | N/A | | | | |
| Field L | ocation: | Between Carbon 1 & Carbon 2 | Date Sampled: | 04/15/2004 | | |
| Fleid II | Number: | N/A | Date Received: | 04/16/2004 | | |
| Sample | e Type: | Air | Date Analyzed: | 04/26/2004 | | |
| | | | | | | |
| | | | | • | | |
| · · · | | | | | | |
| Halocarbon | 1 | Results in ms / ms | romatics | Results in mg / m3 | | |
| Bramodichio | and the second se | | enzetto | ND< 2.00 | | |
| Bromornelha | | | Chlorobenzene | ND< 2.00 | | |
| Bramolorm | | | Hylberizene | ND< 2.00 | | |
| Carbon Tetra | onloride | ND< 2.00 | oluene | ND< 2.00 | | |
| Chlometham | | ND< 2.00 | n,p-Xylene | ND< 2.00 | | |
| Chlorometha | | ND< 2.00 | -Xylene | ND< 2.00 | | |
| 2-Chloroethy | i vinyi Esher | · · · · · · · · · · · · · · · · · · · | byrene | ND< 2.00 | 1 | |
| Chieroform | | | ,2-Dichlorobenzene | ND< 2.00 | | |
| Dibromochia | | , j j | ,3-Dichlorobenzane | ND< 2.00 | | |
| 1,1-Dichlered | | | .4-Dichiorobenzéne | ND< 2,00 | | |
| 1,2-Dichlarot | | ND< 2.00 | | | | |
| 1,1-Dichloret | : | | (etones | Results in mg i m3 | | |
| cis-1,2-Dichl | | | leetone | ND< 10.0 | | |
| trans-1,2-Dic | | | Butanone | ND< 5,00 | | |
| 1,2-Dichieror | | ··· | Hexanone | ND< 5.00 | | |
| cis-1,3-Dichh | | · · · · · · · · · · · · · · · · · · · | Methyl-2-peritanone | ND< 5.00 | | |
| | hioropropene | | | literative in man I and | | |
| Methylene ch | 1 1 | | liscellaneous | Results in mg / m3 | | |
| | chloroethane | | Carbon disullide | ND< 5.00 | | |
| Tetrachloroe | | | /inyl acelate | ND< 5.00 | 1 | |
| 1,1.1-Trichlo | | ND< 2.00 | | | ł | |
| 1,1,2-Trichler | | ND< 2.00 | | | | |
| Trichloroethe | i | NO< 2,00 | | | | |
| Trichlorofiuor | | | | | | |

Data File; 20594.D

ackietad in ite antimete. Chain of Criettete providet additional sample information, including con vience

Commenta:

Vinyl chloride

ELAP Number 10955

ND denotes Non Detect mg / m3 = Intiligram per Cubic Mater

Eruce Hoogesleght. Technical Director

4.

ND4 2.00

Method: EFA 8260B Modified for Tediar Bag

Signature:

04/27/2004 07:16 FAX

1

| Client: <u>NWEC&C Inc</u> Client Job Site: Client Job Number; Field Location; | <u>Volatile Analvs</u> | s Report for Air | |
|--|--------------------------------|---|--------------------------|
| Client Job Site: Client Job Number; | | | |
| Client Job Site: Client Job Number; | | | |
| Client Job Number; | | | |
| · · · · · · · · · · · · · · · · · · · | Wyoming County Fire | Lab Project Number: | 04-1035 |
| · · · · · · · · · · · · · · · · · · · | T raining Center N/A | Lab Sample Number: | 4045 |
| | Carbon Effluent | Date Sampled: | 04/15/2004 |
| Field (D Number: Sample Type: | n/a Aif | Date Received: Date Analyzed: | 04/16/2004 04/26/2004 |
| | | | |
| Halocarbons | Results in mg / m3 | Aromatics | Results in mg / m3 |
| Bromodichloromethane | ND< 2.00 | Benzene | ND< 2.00 |
| Bramomelhane Bramoform | ND< 2.00 ND< 2.00 | Chlorobenzene Ethylbenzene | ND< 2,00 ND< 2,00 |
| Carbon Tetrachloride | ND< 2.00 | Toluene | ND< 2.00 |
| Chloroelhone | ND< 2.00 | m,p-Xylene | ND< 2.00 |
| Chloromethane 2-Chloroethyl vinyl Ether | ND< 2.00 ND< 2.00 | o-Xylen o Styrene | ND< 2.00 ND< 2.00 |
| Chloreform | ND< 2.00 | 1,2-Dichlorobenzene | ND< 2,00 |
| Dibromochloromethane | ND< 2.00 | 1,3-Dichiorobenzene | ND< 2.00 |
| 1,1-Dichloroethans 1,2-Dichloroethans | ND< 2.00 ND< 2.00 | 1,4-Dicitionabenzene | ND< 2.00 |
| 1,1-Dichlorzethene | ND< 2.00 | Ketonez | Results in mg / m3 |
| cla-1.2-Dichloroelhana | ND< 2.00 | Acetone | ND< 10.0 |
| Intra-7,2-Dichloroethene | ND< 2.00 | 2-Butanone | ND< 5.00 |
| 1.2-Dichlorophopane cis-1.3-Dichlorophopane | ND< 2.00 ND< 2.00 | 2-Hexanone <u>4-Methyl-2-penianone</u> | ND< 5.00 ND< 5.00 |
| trans-1,3-Dichioropropens | ND< 2.00 | T- HELIVIZ-DOLINGHOL | |
| Methylene chlaride | ND< 5,00 | Miscellaneous | Results in mg / m3 |
| 1,1,2,2-Tetrachlonoethane Teirachloroethene | ND< 2.00 | Carbon disulfide | ND< 5.00 |
| 1,1,1-Trichlorsethane | ND∢ 2,00 ND< 2,00 | Vînyi acelate | ND< 5,00 |
| 1,1,2-Trichlorsethane | ND< 2.00 | | |
| Trichloroethene Trichlorofluonomethane | ND< 2.00 | | |
| Vinyi chloride | ND< 2.00 ND< 2.00 | | |
| ELAP Number 10958 | Method: EPA 52608 M | lodified for Tedlar Bag | Data File: 20095,0 |
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| Comments: ND denotes Non | Deloct | | |
| • • • • • • | m per Cubic Maler | | |
| Signature: | h | | |

wild antic he accelerated in the antibated. Chain of Custoria conditional contribution information, including com Liange

Total Cost: TERGERATURE Date/Time: DataTimer 2 HOLDING TIME: Relinquistred By: Received By: PRESERVATION B: Date Time CONTAINER TYPE: SAMPLE CONDITION: Cheak bay **LAB USE ONLY** shed B **Bampled** Roll

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Selved By

XVA 21:10 #002/12/#0

INFLUENT/EFFLUENT AIR READINGS

MAY 7, 2004



179 Lake Avenue Rochester, New York 14608 [585] 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Air

Client: NWECILC

| Client Job Site: | Wyeming County Fire Training | Lab Project Number: Lab Sample Number: | 04-1249 4760 |
|--------------------|---------------------------------|---|-----------------|
| Client Job Number: | NA | | |
| Field Location: | Pre Carbon Influent | Date Sampled: | 05/07/2004 |
| Field ID Number: | N/A | Date Received: | 05/10/2004 |
| Sample Type: | Air | Date Analyzed: | 05/14/2004 |

| Halocarbons | Results in mg / m3 | Aromatics | Results in mg / m |
|---------------------------|--------------------|---------------------------|--------------------|
| Bromodichloromethane | ND< 2.00 | Benzene | ND< 2.00 |
| Bromomethane | ND< 2.00 | Chlorobenzene | ND< 2.00 |
| Bromoform | ND< 2.00 | Ethylbenzene | ND< 2.00 |
| Carbon Tetrachloride | ND< 2.00 | Taluene | ND< 2.00 |
| Chloroethane | NO< 2.00 | m,p-Xylene | ND< 2.00 |
| Chloromethane | ND< 2.00 | o-Xylene | ND< 2.00 |
| 2-Chloroethyl vinyl Ether | ND< 2.00 | Styrene | ND< 2.00 |
| Chloratorm | ND< 2.00 | 1,2-Dichlorobenzene | ND< 2.00 |
| Dibromochioromethana | ND< 2.00 | 1,3-Dichlorobenzene | ND< 2.00 |
| 1,1-Dickloroethane | ND< 2,00 | 1.4-Dichlorobenzene | ND< 2.00 |
| 1,2-Dichloroethane | ND< 2.00 | | |
| 1,1-Dichloroethene | ND< 2.00 | Ketones | Results in mg / m |
| cls-1,2-Dichlorosthene | ND< 2.00 | Acelone | ND< 10.0 |
| trans-1,2-Dichloroethene | ND< 2.00 | 2-Butarione | ND< 5.00 |
| 1.2-Dichloropropane | ND< 2.00 | 2-Hexanone | ND< 5.00 |
| cis-1,3-Dichloropropene | ND< 2.00 | 4-Methyl-2-pentanona | ND< 5.00 |
| trans-1,3-Dichloropropene | ND< 2.00 | | |
| Methylenc chloride | ND< 5.00 | Miscellaneous | Results in mg / m |
| 1,1,2,2-Tetrachloroelhane | ND< 2.00 | Carbon disulfide | ND< 5.00 |
| Tetrachlomeihene | 15.2 | Vinyi acetate | ND< 5.00 |
| 1,1,1-Trichloroethane | ND< 2.00 | | |
| 1,1,2-Trichlorosthana | ND< 2.00 | | |
| Trichloroethene | ND< 2.00 | | |
| Trichlorofluoromethane | ND< 2.00 | | |
| Vinyl chloride | ND< 2.00 | | |
| ELAP Number 10958 | Method: EPA 8260 | a Modified for Tedlar Bag | Data File: 21226.D |

Comments:

Signatura:

ND denotes Non Datect mg / m3 = milligram per cubic mater

Bruce Hacgesteger: Technical Olrector

| PARADIGM ENVIDONMENTAL | DIGM | | | | and a state of the | Я | AIN | OF | CHAIN OF CUSTODY | 101 | X | an a | | A STATE OF A | | | |
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| SERVICES, INC. | S, INC. | | COLLENNY: | Aluethe. | | | CONFAM. | 1991 I | SAME | 劉乙 | | | | | | | |
| 179 Laka Avenua Ruchestor, NY 14 | 809 | | - | 2553 CVHVDer | Ed m | | numero (| 1 | | | ATATE. | | | H-IATI | in National States of National S | | 1 |
| (585) 047-2580 * (800) 724-1937 FAX: (585) 647-3311 | (800) 724-1937 111 | | | | N 14032 | 2 | PICONE: | | | FAX | | . | | Structur | | | - |
| PROJECT MUNERALE NUME | NAMEI | ſ | 9 9 | 30 | 2000 4-1 2 2-01 | | ATTN | | | | | | | | | | Ĩ ₹ |
| MYDHING COUNTY | | 501 | i internet | average Alexand | w Resul | F | | | | | | | | | | | |
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| **LAB USE ONLY** | ALY** | | | | | | | | | | | | | | | | |
| SANPLE CONDITION: Check box if acceptable or note deviation: | rion: Check bo Iota devlatian: | × | C090 | CODITAINER TYPE: | PRESERVATIONS: | | 2 | | Holaing Time: | Щиц C | | | TICHPERATURE | | | | |
| Sumpled By: | N. A. tet- | - | | Date/Tirse: | Relinquished By: | shed B | Ľ | | | | | | DateMine: | Total Coat: | oat: | | |
| Hathania By | | | | Shin - | Repeived By: | ay: عاد | | | | Ĭ | | | Cale/Fime: | | | | |
| A beauting | | | | Latertine: | Received @ Lab By: | i Quat | BY | - Pri | Reandall Sholoy | 5/m/ | 01 | | Date/Time: | PIE | | | |
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02/11/5004 08:22 EVX

APPENDIX B

PID READINGS FOR SOIL IN SVE CELLS

N:\11172991.00000\WORD\Final SVE Cell Decom PLan.doc

WYD. COUNTY FIRE FRAINING CENTER . . . HOLES MARKED 9 ß -C J-B EC LEVEN-SMALL PILE

Ø8-16-'06 07:36 FROM-NWECC Inc.

716-937-9360

Wyoming County Fire Training Center

PID Scanning results of samples secured on 1/4/05 - 1/5/05

Samples Secured by:

Kevin Donnelly and Eric Laurienzo

Please see attached site map for sample locations.

| Cell ID | Sample ID | PID Reading |
|---------|-------------|-------------|
| North | 1A | 0.4 |
| North | 1B | 0.1 |
| North | 1C | 0.1 |
| North | 1D | 0.2 |
| North | 2A | 0.2 |
| North | 2B | 0.2 |
| North | 2C | 0.1 |
| North | 2D | 0.1 |
| North | 3A | 0.1 |
| North | 3B | 0 |
| North | 3C | 0.2 |
| North | 3D | 0.2 |
| North | 4A | 0.1 |
| North | 4B | 0.1 |
| North | 4C | 0.2 |
| North | <u>4D</u> | 2.5 |
| North | 5A | 1.2 |
| North | 5B | 0.3 |
| North | 5C | 0.8 |
| North | 5D | 0.2 |
| North | 6A | 0.2 |
| North | 6B | 0.4 |
| North | 6C | 0.4 |
| North | 6D | 0.3 |
| North | 7A | 0.3 |
| North | 7B | 0.4 |
| North | <u>7C</u> | 51.4 |
| North | <u>70</u> T | 201 |
| North | 8A | 1.3 |
| North | 8B | 1 |
| North | 8C | 1.3 |
| North | 8D + | 131 |

| Cell ID | Sample ID | PID Reading | 1 |
|---------|-------------|-------------|------------------|
| Middle | 1A | 0 | |
| Middle | 1B | 2.9 | |
| Middle | <u>1C</u> | 2.9 | \$5.9 |
| Middle | 3A | 9 | |
| Middle | 3B | (1.5 | $\left(\right)$ |
| Middle | 3C | 0 | |
| Middle | 3D | 0 | |
| Middle | 4A | 0 | |
| Middle | 4B | 0 | |
| Middle | 4C | 0 | |
| Middle | 4D | 0 | |
| Middle | 5A | 0 | |
| Middle | 5B | 0 | |
| Middle | 5C | 0 | |
| Middle | 5D | 0 | |
| Middle | 6A | 0 | |
| Middle | <u>6B</u> | 2.9 | X |
| Middle | 6C | 0 | |
| Middle | <u>6D</u> + | 2.9 | |
| Middle | 7A | 0 | |
| Middle | <u>7B</u> | 2.9 | |
| Middle | 7C | 0 | |
| Middle | 7D · | 1.5 | |
| Middle | 8A | 0 | |
| Middle | 8B | 0 | |
| Middle | 8C | 0 | |
| Middle | 8D | 0 | |
| Middle | 9A | 0 | |
| Middle | 9B | 0 | |
| Middle | 10A | 0 | |
| Middle | 10B | 0 | |

Sample ID that are underlined and bolded and have a bolded PID Reading indicate samples that were submitted for analysis.

,08-16-'06 07:36 FROM-NWECC Inc.

716-937-9360

Wyoming County Fire Training Center

PID Scanning results of samples secured on 1/4/05 - 1/5/05

Samples Secured by:

, ·

Kevin Donnelly and Eric Laurienzo

Please see attached site map for sample locations.

| Cell ID | Sample ID | PID Reading |
|---------|------------|-------------|
| South | 1A | 7.1 |
| South | 1B | 4.7 |
| South | 10 | 8.5 |
| South | 2A | 3.4 |
| South | 2B | 1,9 |
| South | 2C | 10.3 |
| South | 2D | 5,6 |
| South | 3A | 3.1 |
| South | 3B | 3.3 |
| South | 3C | 5.3 |
| South | 3D | 7 |
| South | 4 A | 6.2 |
| South | 4B | 10.7 |
| South | 4C + | 426 |
| South | 4D | 418 |

Sample ID that are underlined and bolded and have a bolded PID Reading indicate samples that were submitted for analysis.



APPENDIX C

ANALYTICAL DATA FOR TREATED SOIL SAMPLES

FROM SVE CELLS

N:\11172991.00000\WORD\Final SVE Cell Decom PLan.doc

SOIL ANALYTICAL RESULTS

JANUARY 4 & 5, 2005

N:\11172991.00000\WORD\Final SVE Cell Decom PLan.doc

| | | | | | | ory Result: 31.AP 1D#: 1048 c: (716) 685-808 | 6 |
|---|--|----------------|------------------------|----------|---|--|----------------|
| Client: Natures Way Envi | ronnental | | | Client S | ample ID: SOUT | H 2-C | |
| Lab Order: 0501075 | | | | | Client ID: | | |
| Project: Wyoming Co. Fire | Training Center | | | Collec | tion Date: 1/5/20 | 05 % | 6 Moist: 10.9(|
| Lab ID: 0501075-01A | Sample Type: SAMP | Mai | trix: Soil | | Test Code: 1_ | 8260B_S | |
| VOLATILE ORGANIC COMPO | UNDS BY METHOD 8260B | | M | lethod: | SW8260B | Prep Method: S | W5030B |
| • • • • • | | | | | | | |
| Analyte | Result Q | RI. | Units | DF | Date Analyze | d Run Batch II | D Analyst |
| 1,1,1-Trichloroethano | ND | 5.5G | ualka dar | | 1 1/13/2005 5:25:00 17 | VI HANK_050113A | AW1 |
| 1,1,2,2-Tetrachioroethane | ND | 5.56 | μg/Kg dry μg/Kg-dry | - | , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | I (CONTIN_DOUGLADAY) | F319.4 |
| 1.1.2-Trichloroothane | ND ND | 5.56 | | | • | | |
| 1.1-Dichloroethane | ND | 5.56 | µg/Kg-dry µg/Kg-dry | | 1 | | |
| 1,1-Dichloroethene | ND | 5.56 | µg/Kg-dry µg/Kg-dry | - | • | | |
| 1,2-Dichlorobonzene | ND | 5.56 | µg/Kg-dry | - | 1 | | |
| 1,2-Dichloroethane | ND | 5.56 | µg/Kg-dry | - | 1 | | |
| 1,2-Dichloroothone, Total | 2.65 J | 5.56 | µg/Kg-dry | • | < Marm | | |
| 1,2-Dichloropone | ND | 5.56 | μg/Kg-dry | • | | | |
| 1,3-Dichlorobenzene | ND | 5.56 | µg/Kg∙dry | | | | |
| 1,4-Dichlorobanzano | ND | 5,56 | µg/Kg-dry | 1 | | | |
| 2-Butanone | ND | 11.1 | µg/Kg-dry | - | | | |
| 2-Chloroethyl vinyl ether | ND | 11.1 | µg/Kg-dry | | · | | |
| 2-Hexanone | ND | 11.1 | µg/Kg-dry | 4 | | | |
| 4-Methyl-2-pontanone | ND | 11.1 | µg/Kg-dry | | | | |
| Acetone | 3.37 JB | 11.1 | ug/Kg-dry | 1 | 2 PAGA | | |
| Benzene | ND | 5.56 | ug/Kg-dry | 1 | | | |
| Bromodichloromethane | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Bromotorm | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Bromomethane | ND | 17.1 | µg/Kg-dry | 1 | | | |
| Carbon disultide | NĎ | 6.66 | µg/Kg-dry | 1 | | | |
| Carbon tetrachloride | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Chlorobenzene | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Chloroethane | ND | 11.1 | µg/Kg-dry | 1 | | | |
| Chleroform | NĎ | 5.56 | µg/Kg-dry | 1 | | | |
| Chloromethane | ND | 11.1 | µg/Kg-dry | 1 | | | |
| bis-1,2-Dichloroethene | 2.65 J | 5.56 | µg/Kg-dry | 1 | < PAGM | | |
| cis-1,3-Dichloropropene | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Dibromochloromethane | NĐ | 5.56 | µg/Kg-dry | 1 | | | |
| Ethylbonzene | ND | 5.56 | ug/Kg-dry | 1 | | | |
| n,p-Xylene | ND | 5.56 | µg/Kg-dry | . 1 | | | |
| Aethylene chloride | ND | 5.56 | µg/Kg-dry | 1 | | | |
| -Xylene | ND | 5.56 | µg/Kg-dry | 1 | | | |
| Styrenn | ND | 5.56 | µg/Kg-dry | 1 | | | |
| etrachloroethene | 138 | 5.56 | µg/Kg-dry | 1 | | | |
| oluene | ND | 5.56 | µg/Kg-dry | 1 | < 1796m | | |
| ans-1,2-Dichloroethene | ND | 5.56 | µg/Kg-dry | 1 | | | |
| ans-1,3-Dichloropropene | ND | 5.56 | µg/Kg-dry | 1 | | | |
| efinitions: | | | | - | | | ··· · · |
| | . . | | | | | | |
| Receivery outside QC[*] lander DF - Dduction Factor | B Analyte found in Me ISBN 1 Distance Trading | ethyad bilazak | | | | ria or extended target convenues | |
| Value Exceeds Moximum Construment Level | 1981 - 1964 (a) Egnite 3 - Estimated value | | | | • | nrieg finn (typ) standard or ICP (| huear carget |
| Sangle Coloner Analysis | NC Not Calculated | | | | M - Man ix Spike Recov ND - Net Defected at fl | • | |
| 4P - Petroleom Patero is not present | P Post Spike Recovery | y ontside Idoi | ** | | R - RPD miniple presson | • | 18 |
| | | | | | | | тÓ |

too too. Adaptive state of the sound

and the second second

| San 27 00 IUI708 Havure's way | 716-937-9360 p.3 |
|---|--|
| Analytical Services Cente International Specialists in Environmental Analysi | · · · · · · · · · · · · · · · · · · · |
| Added and Added Added Avenue | NYS ELAP 1D#: 10486 Phone: (716) 685-8080 |
| Client: Natures Way Environmental | Client Sample ID: SOUTH 2-C |
| Lab Order; 0501075 | Alt. Client ID: |
| Project: Wyoming Co. Fire Training Center | Collection Date: 1/5/2005 % Moist: 10.90 |
| Lab ID: 0501075-01A Sample Type: SAMP | Matrix: Soil Test Code: 1_8260B_S |
| VOLATILE ORGANIC COMPOUNDS BY METHOD 8260B | Method: \$W8260B Prep Method: \$W5030B |
| | · |

µg/Kg-dry

µg/Kg-dry

µg/Kg-dry

µg/Kg-dry

µg/Kg-dry

%HEC

%REC

%REC

%REC

1

ŧ

1

1

ŧ

1

1

1

1

5.56

5.56

11.1

11.1

5.56

77 - 119

88 - 124

83 + 117

84 - 119

Natumo'e Hau

NQ

ND

ND

ND

ND

91

98

98

105

Definitions:

* Recovery outside QC linuts

DF Dilution Factor

720

Trichtoroothene

Vinyl acetate

Vinyl chloride

Xylenes, Total

Trichtorofluoromothano

Surr;Toluone-d8

Surr:1,2-Dichloroethane-d4

Surr.4-Bromofluorobenzene

Surr:Dibromofluoromethane

24

05

10:43a

El Value Exoceds Minimum Consuminant Level

N - Sagle Column Analysis

NP - Petroleum Pattero is not prescut

LIMPONEMENT 050495 1015

- B Analyte Annal is Method bluttle
- DNI Did not Ignite
- J Estimated value
- NC Non-Calculated

.

P - Post Spike Recovery outside links

13 · Diluted due to mastrix or extended target compounds

- B. Result above quantitation hazar (high sometime or R.99 freeor campe).
- M Matrix Spike Recovery outside limits
- ND Nor Decented at the Reporting Lanat

716-997-9960

1/13/2005 5:25:00 PM HANK 050113A-

. .

RMJ

19

R RPD outside recovery hulls

... ... Printed. Marches into youth the state to bet

| Jan 24 05 10:43: | | | | | 716-937-93 | 60 | p.4 |
|---|---|--|------------------------|-----------|---|--|----------------------|
| | ical Services Cent Specialists in Environmental Anal | | | | Laborato | ry Results | |
| A 4493 Walder | | | | | NYS EI Phone: | LAP 10#: 10486 : (716) 685-8080 | |
| Client: Natures Way Envir Lab Order: 0501075 | ronmental | <u> </u> | <u></u> | | Sample ID: NORTH . Client ID: | I 5-A | |
| Project: Wyoming Co. Fire | : Training Center | 1 | | • | ction Date: 1/5/2004 | 1 % N | Moist: 12.3 (|
| Lab ID: 0501075-02A | Sample Type: SAMP | Ma | trix: Soil | | Test Code: 1_82 | | 10131 |
| VOLATILE ORGANIC COMPOU | | · · · · · · · · · · · · · · · · · · · | | lethod: | | Prep Method: SW5 | 5030B |
| Analyte | Result Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst |
| 1,1,1-1 nobloroethane | | | | | | | · · · · · · |
| ,1,1-1 richloroethane ,1,2,2-Tetrachloroethane | ND | 5.68 5.00 | µg/Kg-dry | | 1 1/13/2005 6:37:00 PM | HANK (050113A | RMJ |
| ,1,2-Trichloroethane | ND | 5.68 | µg∕Kg-dry | | 1 | | |
| , 1,2-1 richloroethane , 1-Dichloroethane | ND | 5.68 | µg∕Kg-dry | | 1 | | |
| ,1-Dichloroethane | | 5.68 | µg/Kg-dry | | 1 | | |
| 1,1-Dichloroethene 1,2-Dichlorobenzene | ND | 5.68 | µg/Kg-dry | | 1 | | |
| | ND | 5.68 | µg/Kg-dry | | 1 | | |
| 1.2-Dichloroethane | ND | 5.68 | µg/Kg-dry | | 1 | | |
| 1.2 Dichloroothono, Total | ND | 5.68 | hð\Kð-qià | | 1 | | |
| 1,2-Dichloropropane 1.3-Dichloroportzone | ND | 5.68 | µg/Kg-dry | • | 1 | | |
| 1,3-Dichlorobouzene 1.4-Dichlorobouzena | ND | 5.68 | µg/Kg-dry | 1 | 1 | | |
| 1,4-Dichlorobonzene 2-Butanone | ND | 5.68 | µg/Kg-dry | 1 | 1 | | |
| 2-Butanone 2-Chloroothd vind otkor | ND | 11.4 | µg∕Kg-dry | • | 1 | | |
| 2-Chloroethyl vinyl ether 2-Hexanone | ND | 11.4 | μα/Kg-dry | | 1 | | |
| | ND | 11.4 | µg∕Kg-dry | | 1 | | |
| 4-Methyl-2-pentanone Acetone | ND | 11.4 | µg/Kg-dry | 1 | 1 min | | |
| Acetone Benzene | 3.84 JB | 11.4 | µg/Kg-dry | 1 | 2 P4 6 m | | |
| Benzene Bromodichloromethane | ND | 5.68 | µg/Kg-dry | 1 | I | | |
| Bromodichioromethano Bromotorm | ND ND | 5.68 5.00 | µg∕Kg-dry | 1 | 1 | | |
| Bromoroith Bromomethano | ND | 5.68 | µg/Kg-dry | 1 | - | | |
| Sromomelnano Carbon disulfide | ND | 11.4 | µg/Kg-dry | 1 | - | | |
| Sarbon tetrachioride | ND | 5.68 | µg/Kg-dry | 1 | • | | |
| Danoon tetrachionde Chlorobenzene | ND | 5.68 | ug/Kg-dry | 1 | £ | | |
| Chloroethane | ND | 5.68 | µg/Kg-dry | 1 | ł | | |
| Chloroform | ND | 11.4 | µg/Kg-dry | 1 | 1 | | |
| Chloromethane | ND ND | 5.68 | µg/Kg-dry | 1 | 1 | | |
| znorometnane zis-1,2-Dichloroothene | ND ND | 11.4 | µg/Kg-dry | 1 | | | |
| as-1,2-Dichlorophene lis-1,3-Dichloropropene | ND ND | | ug/Kg-dry | - 1 | | | |
| Dibromochteromethane | | 5.68 | µg/Kg-dry | 1 | | | |
| Sittyibenzere | | 5.68 | µg/Kg-dry | 1. | | | |
| n,p-Xylene | ND ND | | µg/Kg-dry | 1 | | | |
| fethylene chloride | ND ND | | µg/Kg-dry | 1 | | | |
| -Xylene | ND ND | | µg/Kg-dry µg/Kg-dry | 1 | | | |
| ityrene | | | µg/Kg-dry ug/Kg-day | 1 | | | |
| otrachloroethenu | ND 207 | | µg/Kg-dry | 1 | < AGM | | |
| Oluona | 207 ND | | µg/Kg∙dry ₩//Kg-dry | 1 | < /7. | | |
| ans-1.2-Dichloroothene | | | µg/Kg-dry ug/Kg-dry | 1 | | | |
| ans-1,3-Dichloropropeno | ND | | µg/Kg-úry 90/Ka-dry | ة 1 | | | |
| efinitions: | 1925 | 5.00 | µg/Kg-dry | · <u></u> | | · · · | |
| - Recovery outside CC* insuls | 1 B Audore found in Merit | ···· · · · · ························· | | | | | |
| 927 - Eritatous Facur | B Analyte found in Ment DNI - Did put lysite | a'ai biarus | | | D - Diluted for to maxim of E. Decub shows constitution | | |
| - Value Execute Maximum Constantinum Lawe | 1. Pistormied value | | | | | a limit (lögh standard to RP linear ra aartale lován | (mage) |
| 1 - Single Column Analysis | P Post Failed value NG Not Calculated P Post Spike Recovery o | | | | M - Matrix Spike Recovery or ND - Not Denoted to the Rep | | |
| If + Perceleura Pattern is not present. | 1 | | | | \$787 Ahre are swarted or carries and | summer and successive sectors and sector | |

LIMS version is a finiting stars

Printed: Monday, finitary 17 (20)8 (64%, 55 (55)

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Analytical Services Center International Specialists in Environmental Analysis 4493 Walden Avenue ecology and anvirus unsuit int. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486 Phone: (716) 685-8080

Prep Method: SW5030B

| Client: Natures Way E | nvironmental | : | Client Sample ID: NORTH 5-A | |
|------------------------|----------------------|--------------|-----------------------------|---------------|
| Lab Order: 0501075 | | | Alt. Client ID: | |
| Project: Wyoming Co. f | Fire Training Center | | Collection Date: 1/5/2004 | % Moist:12.30 |
| Lab ID: 0501075-02A | Sample Type: SAMP | Matrix: Soil | Test Code: 1 8260B_S | |

VOLATILE ORGANIC COMPOUNDS BY METHOD 8260B

| Analyte | Result Q | RI. L | Jnifs . | DFDate | Analyzed | Run Batch I | DAnalyst |
|----------------------------|----------|----------|---------|------------|----------------|--------------|----------|
| Trichloroethene | ND | 5,68 µg/ | /Kg-dry | 1 | | | |
| Trichlorofluoromethane | ND | 5.68 µg/ | /Kg-dry | 1 | | | |
| Vinyl acetate | ND | | /Kg-dry | 1 | | | |
| Vinyi chloride | ND | 11.4 µg/ | /Kg-dry | 1 | | | |
| Xylenes, Total | ND | 5,68 µg/ | /Kg-dry | 1 | | | |
| Surr:1,2-Dichloroethane-d4 | 92 | 77 • 119 | %REC | 1 1/13/200 | 5 6:37:00 PM 1 | HANK_050113A | RMJ |
| Surr:4-Bromofluorobenzene | 103 | 88 - 124 | %REC | 1 | | | |
| SumDibromolluoromethane | 100 | 83 117 | %REC | 1 | | | |
| Surr:Toluene-d8 | 107 | 84 - 119 | %REC | 1 | | | |

Method: SW8260B

| Definitions: | | •••= | · | ·· -· | |
|--|---|------|---|---|---------------------|
| Recovery outside QC hashs Dilation Factor Dilation Factor Value dynamic Contamulant Level Vingle Colomo Analysis NP - Petroleum Patern is not present | B. Analyte found in Method block DNI - Dat not figure J. Estimated value NC Not Calculated POST Spike Recovery cartisite hourts | | D) Dijuted doe to nexter on exter R - Resolt above quantitation find M Matrix Spike Recovery outside ND Not Detroited of the Report R - RFD outside recovery lipit; | (high standard or ICP linear)) fonds | սպե). Դ7 |
| 1.3 VIS Version #; (250105-1015 | · · · · · · · · · · · · · | · · | international and the form | ; and 10 1000 at 1 a 1 4 | <i>ا</i> کے محمد |

Analytical Services Center International Specialists in Environmental Analysis

Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

and anviounment, inc. Lancaster, New York 14086 Natures Way Environmental Client: Lab Order: 0501075

4493 Walden Avenue

Wyoming Co. Fire Training Center Project:

Lab 1D: 0501075-03A

Sample Type: SAMP Matrix: Soil Collection Date: 1/4/2004 Test Code: 1_8260B_\$

Alt. Client ID:

Method: SW8260B

Client Sample ID: MIDDLE 3-B

Prep Method: SW5030B

VOLATILE ORGANIC COMPOUNDS BY METHOD 8260B

| Analyte | Resul | t Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst |
|---|-----------|--------------------|--------------------|------------------------|-----|------------------------------|-----------------------------------|-----------|
| | | | | | | | | |
| 1,1,1-Trichloroethane | ND | | 5.35 | µg/Kg-dry | 1 | 1/15/2005 11:57:00 AM | BANK 050115A | GP |
| 1,1,2,2-Tetrachloroethane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,1,2-Trichloroethane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,1-Dichloroethane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,1-Dichloroethene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,2-Dichlorobenzeno | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,2-Dichlorouthane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloroethene, Total | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloropropano | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,3-Dichlorobenzene | UN CIN | | 5.35 | µg/Kg-dry | 1 | | | |
| 1,4-Dichlorobenzene | ND | | 5.35 | µg/Kg-dry | , 1 | | | |
| 2-Butanone | | | 10.7 | μg/Kg-dry μg/Kg-dry | - | | | |
| | | | 10.7 | | 1 | | | |
| 2-Chloroethyl vinyl ether | ND | | | µg/Kg-dry | 1 | | | |
| 2-Hexanone | ND | | 10.7 | µg/Kg∙dry ug/Kg-dry | | | | |
| 4-Methyl-2-pontanone | ND | 10 | 10.7 | µg/Kg-dry | 1 | 2 MGM | | |
| Acetono | 4.56 | JB | 10.7 | µg/Kg-dry | | - / | | |
| Benzene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Bromodichloromothane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Bromotorm | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Bromomethane | ND | | 10.7 | µg/Kg-dry | 1 | | | |
| Carbon disulide | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Carbon tetrachlorido | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Chlorobenzene | ND | | 5.35 | µg∕Kg-dry | 1 | | | |
| Chloroethane | ND | | 10.7 | µg/Kg-dıy | 1 | | | |
| Chloroform | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Chloromethano | ND | | 10.7 | µg/Kg-dry | 1 | | | |
| cis-1,2-Dichloroethene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| cis-1,3-Dichloropropena | ND | | 5.35 | µg/Kg-dry | 1 | | | α. |
| Dibromochloromethane | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Ethylbenzene | ND | | 5,35 | µǥ∕Kg-dry | 1 | | | |
| m,p-Xylene | ND | | 5.35 | µg/Kg-dry | t | | | |
| Mothylene chloride | ND | | 5,35 | µg/Kg-dry | 1 | | | |
| o-Xylene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| Styrene | ND | | 5,35 | µg/Kg-dry | 1 | | | |
| Tetrachloroethene | 1.56 | J | 5.35 | µg/Kg-dry | 1 | < TAG M | | |
| Toluene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| trans-1,2-Dichloroethene | ND | | 5.35 | µg/Kg-dry | 1 | | | |
| trans-1,3-Dichloropropene | ND | | 5.35 | µg/Ky-dry | 1 | | | |
| Definitions: | | | | | | | | |
| * Recovery oughte QC hunts | | B · Analyte from S | a Method black | | | Diluted due to maxtrix or | extended target compounds | |
| DE - Dilution Factor | | DNI Dia not lgr | ijte. | | | E Result above quantitation | tmit (fligh standard or fCP lines | ա քանիչը) |
| H Value Exceeds Maximum Contaminant Level | | J • Estimated valu | к. | | | M · Matrix Spike Recovery o | | |
| N - Single Column Analysis | | NC Not Calenda | | | | ND + Not Detented at the Rep | | |
| NP - Perioleun Faieri is iei prozidi | | P · Post Spike Re | covery outside lim | it. | | R RPD outside recovery liar | ut s | 33 |
| 1.1MS Weesloop #1 - 0501(+ 1018 | | | · -· | | | Printed: Monstay | , factory 17, 2008 (6:45) *3 | - PM |

% Moist:8.15

Analytical Services Center International Specialists in Environmental Analysis 4493 Walden Avenue Secondary und environmental Analysis

Laboratory Results

NYS ELAP ID#: 10486 Phone: (716) 685-8080

Prep Method:

Client Sample ID: MIDDLE 3-B

Alt. Client ID:

Collection Date: 1/4/2004

% Maist:8-15

\$W5030B

Project: Wyoming Co. Fire Training Center

Client:

Lab Order: 0501075

Lab 1D: 0501075-03A

Natures Way Environmental

Sample Type: SAMP

Test Code: 1_8260B_S Method: SW8260B Prep M

| the second se | | |
|---|-------------------------|----|
| VOLATILE ORGANIC | COMPOUNDS BY METHOD 826 | 0B |

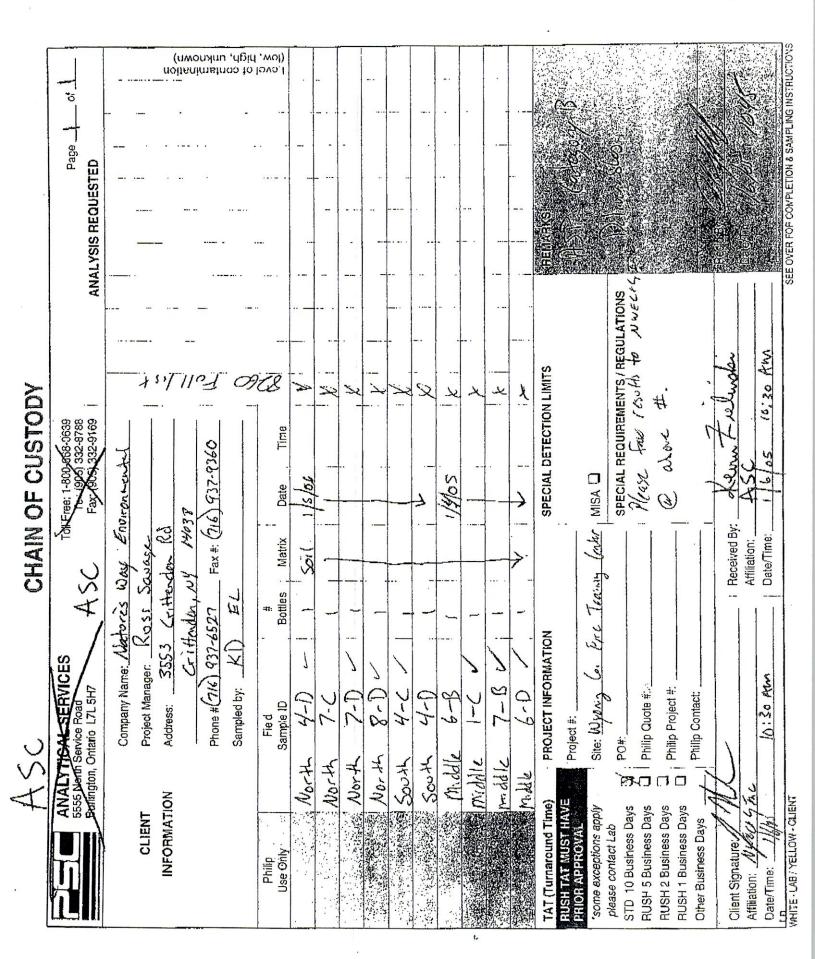
| A nalyte | Result Q | RL | Units | DF | Date Analyzed Run Batch ID Analyst |
|----------------------------|----------|----------|-----------|----|---------------------------------------|
| Trichloroethene | ND | 6.35 | µg/Kg-dry | 1 | |
| Trichlorolluoromethane | ND | 5.35 | µg/Kg-dry | 1 | |
| Vinyl acotate | ND | 10.7 | µg/Kg-dry | 1 | |
| Vinyl chloride | ND | 10.7 | pg/Kg-dry | 1 | |
| Xylenes, Total | ND | 5.35 | µg/Kg-dry | 1 | · · · · · · · · · · · · · · · · · · · |
| Surr.1,2-Dichloroethano-d4 | 87 | 77 - 119 | %REC | 1 | 1/15/2005 11:57:00 AM HANK_050115A GP |
| Surr:4-Bromofluorobonzene | 95 | 88 - 124 | %REC | 1 | |
| SurrDibromofluoromethane | 96 | 83 - 117 | %REC | 1 | |
| Sur:Tolueno-d8 | 101 | 84 - 119 | %REC | 1 | |

Matrix: Soil

Definitions * - Recovery outside QC limits 11 Analyte found in Method blank D Diluted due to maximiz or extended target congaronds DF Libboth Factor E Result above quantitation limit (high standard or R P Incor range) DNI - Did not Iguite M. Matrix Spike Recovery outside limits H - Value Exceeds Maximum Continuum Level 1 - Estimated value ND - Not Detected at the Reporting Land N - Supre Column Analysis NC - Not Calculated NP · Petroleum Pattoro ocnor present R - RFD outside recovery basis P. Post Spike Recovery outside limits .. ••• ----

TANIS Version & 555465, 1165

Printed: Manhay Frances (* 1988) with 25 PM



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Nature's Way

716-937-9360

p.8

Analytical Services Center International Specialists in Environmental Analysis Lancaster, New York 14086-Phone: (716) 685-8080 Fax: (716) 685-0852 NYS ELAP ID#: 10486

| CLIENT: Project: Lab Order: Date Received: .ab Sample ID | Natures Way Environmental Wyoming Co. Fire Training 0501070 1/6/2005 | | Work Order Sample Summar | | | | | |
|--|---|---|--------------------------|-----------------|--|--|--|--|
| Lab Sample ID | Client Sample ID | | Alt. Client Id | Collection Date | | | | |
| 0501070-01A | NORTH 4-D | | | 1/5/2005 | | | | |
| 0501070-02A | NORTH 7-C | | | 1/5/2005 | | | | |
| 0501070-03A | NORTH 7-D | | | 1/5/2005 | | | | |
| 0501070-04A | NORTH 8-D | | | 1/5/2005 | | | | |
| 0501070-05A | SOUTH 4-C | | | 1/5/2005 | | | | |
| 0501070-06A | SOUTH 4-D | | | 1/5/2005 | | | | |
| 0501070-07A | MIDDLE 6-B | | | 1/5/2005 | | | | |
| 0501070-08A | MIDDLE 1-C | | | 1/4/2005 | | | | |
| 0501070-09A | MIDDLR 7-B | • | | 1/4/2005 | | | | |
| 0501070-10A | MIDDLE 6-D | | | 1/4/2005 | | | | |

Ecology & Environment Inc. LIMS Version 050119_1130

Analytical Services Center International Specialists in Environmental Analysis decology and environment, inc. Lancaster, New York 14086

Laboratory Results

NYS ELAP ID#: 10486 Phone: (716) 685-8080

| Client: | NATURES WAY ENVIRONMENTAL | |
|------------------------|---|----------------|
| Project: Lab Order: | Wyoming Co. Fire Training Center 0501070 | CASE NARRATIVE |

SAMPLE MANAGEMENT

Samples were received un-secured and at an ambient temperature.

GCMS VOLATILES

A DB 624 column and a trap packed with OV-1, Tenax, silica gel and activated charcoal was used for the volatile analysis.

Sample analysis

Unless stated otherwise, methanol-extracted soil volatile results account for the theoretical increase in the extract volume resulting from the water content of the soil sample.

All samples were analyzed within hold time.

Samples NORTH 7-D, NORTH 8-D, and SOUTH 4-C were analyzed as medium level soils due to the elevated amount of target analytes present.

Samples NORTH 4-D, MIDDLE 6-D, NORTH 7-D, NORTH 8-D, and SOUTH 4-C were analyzed at secondary dilutions due to the elevated amounts of target analytes present. Both sets of data have been reported here.

Calibration and Tunes All initial and continuing calibrations were acceptable. There were no manual integrations required.

QC

All surrogate recoveries were within acceptable limits.

All blank analyses were acceptable.

All matrix spike/spike duplicate (MS/MSD) recoveries and RPD values were acceptable.

All laboratory control sample/duplicate (LCS/LCSD) recoveries and RPD values were acceptable.

All internal standard area responses were acceptable.

GENERAL ANALYTICAL CHEMISTRY

PMOIST

Sample Analysis

The report page presents % moisture. The QC criteria are versus % solids. Subtract % moisture from 100 to obtain % solids. The % solids RPD are acceptable. All samples were analyzed within hold time.

QC

The matrix duplicates (MD) were acceptable.

LIMS Version #: 050119 1130

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p.11

| Analytic International S 4493 Walder | | | | Laborator NYS ELA | P ID#: 10486 | | |
|--|------------------------|-----------------------|------------------------|----------------------|---|------------------------------------|-------------|
| ecology and austrament, int. Lancaster, N | low York 14086 | | - | | Phone: | (716) 685-8080 | |
| Client: Natures Way Envir | ronmental | | 1 | | ample ID: NORTH | 4-D | |
| Lab Order: 0501070 | | | | Alt. (| Client ID: | | |
| Project: Wyoming Co. Fire | Training Center | | | Collect | ion Date: 1/5/2005 | % M | loist:10.00 |
| Lab ID: 0501070-01A | Sample Type: SAMP | Ma | trix: Soil | | Test Code: 1_826 | 08_S | |
| VOLATILE ORGANIC COMPO | UNDS BY METHOD 8260B | ı | M | ethod: | SW8260B P | rep Method: SW6 | 030B |
| Analyte | Result Q | RL | Units | DF | Dale Analyzed | Run Batch ID | Analyst |
| 1,1,1-Trichloroethano | ND | 5.48 | µg/Kg dry | 1 | 1/12/2005 216:00 PM | HANK, 050112A | RMJ |
| 1,1,2,2-Tetrachloroothane | ND | 5.48 | µg/Kg-dry | ť | | | |
| 1,1,2-Trichloroethane | ND | 5.48 | µg/Kg-dry | 1 | | | |
| 1,1-Dichloroethano | ND | 5.48 | µg/Kg-dry | 1 | | | |
| 1,1-Dichloroethene | ND | 5.48 | µg/Kg-dry | 1 | | | • . |
| 1.2-Dichlorobenzene | ND | 5.48 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloroethane | ND | 5.48 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloroethene, Total | 98.2 | 5.48 | µg/Kg-dry | 1 | < MGM | | |
| 1,2-Dichloropropane | ND | 5.48 | µg/Kg-dry | . 1 | | | |
| 1,3 Dichlorobenzene | ND | 5.48 | µg/Kg-dry | 1 | | | |
| 1,4-Dichlorobonzone | ND | 5,48 | pg/Kg-dry | , 1 | | | |
| 2-Butanone | ND | 11.0 | µg/Kg-dry | 1 | | | |
| 2-Chloroethyl vinyl ether | ND | 11.0 | µg/Kg-dry | 1 | | | |
| 2-Hexanone | ND | 11.0 | µg/Kg-dry | | | | |
| 4-Methyl-2-pontanone | ND | 11.0 | μg/Kg-dry | י 1 | | | |
| Acetone | ND | 11.0 | μg/Kg-dry | 4 | | | |
| Banzene | ND | 5.48 | µg/Kg-dry | 1 | | | |
| Bromodichloromethane | ND | 5,48 | µg/Kg-dry | | | | |
| Bromotom | ND | 5,48 | μǥ/Kg₂dry μg/Kg₂dry | 1 | | | |
| Bromomothane | ND | 5, 4 5 11.0 | | 1 | | | |
| Carbon disulfide | ND | 5.48 | µg/Kg-dry | | | | |
| Carbon tetrachloride | ND | | µg/Kg-dry ₩/Kg-dry | 1 | | | |
| Chlorobenzene | | 5.48 | µg/Kg-dry u≂∕Ku dav | 1 | | | |
| Chloroethanc | | 5.48 | µg/Kg-dry | 1 | | | |
| Chlorotorm | | 11.0 | µg/Kg-d₁y | 1 | | | |
| Chloromethane | ND ND | 5.48 | µg/Kg-dry | 1 | | | |
| sis-1,2-Dichloroothene | 98.2 | 11.0 | µg/Kg-dıy w≂/K= dev | 1 | < THEM | | |
| sis-1,3-Dichloropropene | ND | 5.48 | µg/Kg-dry | | | | |
| Dibromochloromethane | ND | 5.48 | µg∕Kg-dry v=″≤= d=v | 1 | | | |
| Ethylbenzene | | 5.48 | µg/Kg-dry | - | | | |
| n.p-Xylene | ND | 5.48 5.48 | µg/Kg-dry | 1 | | | |
| Methylene chloride | ND | 5.48 | µg/Kg-dry | 1 | | | |
| >-Xylene | ND | 5.48 | µg/Kg-dry | 1 | | | |
| Styrene | ND | 5.48 | µg/Kg-dry | 1 | | | |
| Tetrachloroethene | ND | 5.48 | µg∕Kg-dry | 1 | < MGM | | |
| Foluene | 638 E | 5.48 | µg/Kg-dry | 1 | 2 /// - / | <i>,</i> | |
| rans-1,2-Dichloroethene | ND | 5.48 | µig/Kg-dry | 1 | | | |
| rans-1,3-Dichloropropene | ND ND | 5.48 5.48 | µg/Kg-dry µg/Kg-dry | 1 | | | |
|)elimitions: | •••• | | | • | · •• | <u> </u> | |
| * - Recovery unlike QC limits | B Analyte found in M | tland black | | | D. Diluted due to associa or | estended target componinds | |
| 1967 - Dilution Factor | DNI - Ltid nut Igaute | | | | Result above quantitation | land thigh standard or B.P. liness | រ ណេក្រទ) |
| Value Directals Marginaan Constantinant Level Marginaan Constantinant Level | 1 listnessed volue | | | | M · Matrix Spike Recovery o | | |
| N Single Column Analysis NIC Peterbean Balters in act manual | NC Not Cohordered | | | | NET Not Denoted at the Rep | | |
| NI ¹ Petroleam Pattern is not present | P - Post Spike Recover | y outside lan | ite | | R RPD outside recovery lim | it# | 35 |

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LAMS Version &: 050(19-11-0)

Printed: Womenday, Jonary 19, 2603 (1997) (\$1931)

| | | 1 | | | 716-937-9 | | p.12 |
|---|---------------------------------|---------------------|------------------------|------------------|--|---|---------------|
| | | | | | | ory Results LAP 1D#: 10486 :: (716) 685-8080 | |
| Client: Natures Way Enviror | | - | | lient San | nple ID: NORT | H 4-D | |
| ab Order: 0501070 | montat | | - | Alt, CI | üent ID: | | |
| Project: Wyoming Co. Fire Ti | raining Center |) | | Collectio | m Date: 1/5/200 | | Moist:10.00 |
| .ab H): 0501070-01A | Sample Type: SAM | P Mati | rix: Soil | | Test Code: 1.8 | | |
| OLATILE ORGANIC COMPOUN | IDS BY METHOD 826 | 0B | M | ethod: S | W8260B | Prep Method: SV | V5030B |
| Analyte | Result Q | RL | Units | DF | Date Analyze | d Run Batch ID | Analyst |
| irichloroethene | 14.7 | 5.48 | µg/Kg-dry | 1 | < THEM | | |
| Frichlorofluoromethane | ND | 5.48 | µg/Kg-dry | 1 | - | | |
| /inyl acetate | ND | 11.0 | µg/Kg-dry | . 1 | | | |
| /inyl chiloride | ND | 11.0 | µg/Kg-dry ug/Kg-dry | 1 | | | |
| (ylenes, Total | ND | 5.48 77 - 119 | µg/Kg-dry %REC | ····· '···· 1 | 1/19/2005 9.16:00 PM | 7_HANK_050112A | -,, -, RMJ |
| Surr: 1,2-Dichloroethano-d4 Surr: 4-Bromofluorobenzone | 91 104 | 88 - 124 | %REC | , 1 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| Sur:Dibromofluoromethane | 99 | 83 - 117 | %REC | 1 | | | |
| Surr:Toluene-d8 | 109 | 84 _T 119 | %REC | 1 | | | |
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| | | : | , | | Laker | , , , , , , , , , , , , , , , , , | |
| Pellations: | | | | • | - | : | |
| Recovery outside QC limits | • | gd ja Method blank | | | | aris or extended target compounds | |
| DF - Dilution Factor Ef - Value Exceptis Maximum Contaminant Cevili | DNE Did not 1 - listimated v | • | | | 11 – Kesult alsove quan M - Matrix Spike Reco | ierien hini (high samdard or RCP) way outside linuts | uncar range) |
| Value Excepts Machinen Containmant Level N - Single Cohum Analysis | NC - Not Lak | | | | ND Not Percent at | 3 | |
| NP Provlemm Pattern is not present | | Recovery quasile to | 115 | | R = RHO outside recov | ery litrus | 36 |
| | | !. | | ***** | | | |
| AMS Version 9: 040419 1730 | | | | | Fundap W | edu Ariga Leonary (9, 2005) (| |

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| International Speciali 4493 Walden Ave activity and anatominest, the Lancaster, New Y Client: Natures Way Environme Lab Order: 0501070 Project: Wyoming Co. Fire Train Lab ID: 0501070-03A Sa VOLATILE ORGANIC COMPOUNDS A palyte 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1-Dichloroethane 1,2-Dichloroethane 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetono Benzene Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon disulfide Carbon tetrachloride | enue York 14086 ental ning Center ample Type 5 BY METH 5 BY METH 150000 ND ND ND ND ND ND ND ND ND ND ND ND ND | 6 e: SAMP IOD 8260B | | trix: Soil | Alt. C | NYS ELA Phone: mple ID: NORTH ? lient ID: on Date: 1/5/2005 Test Code: 1_826 SW8260B P Date Analyzed 1/18/2005 1:45:00 AM | (716) 685-8080 7-D % N | Moist: 16.70 5030B_ME Analyst GP |
|--|--|---|--|---|--|---|---|---|
| Lab Order: 0501070 Project: Wyoming Co. Fire Train Lab ID: 0501070-03A Sa VOLATILE ORGANIC COMPOUNDS Analyte 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Choroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetona Benzene Bromodichloromethane Bromoform Bromoform | ning Center ample Type 3 BY METH Result 150000 ND ND ND ND ND ND ND ND ND ND ND ND ND | e: SAMP IOD 8260B | RL 3950 3950 3950 3950 3950 3950 3950 3950 | Units Units Units Ug/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | Alt. C Collecti lethod: S DF S 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | Client ID: on Date: 1/5/2005 Test Code: 1_826 SW8260B P Date Analyzed | % N 10B_MEOH rep Method: SW Run Batch ID | 5030B_ME Analyst |
| Project: Wyoming Co. Fire Train Lab ID: 0501070-03A Sa VOLATILE ORGANIC COMPOUNDS Analyte 1,1,1-Trichloroothane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chtoroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetone 3ormodichloromethane 3romodichloromethane 3romodorn 3romodorn 3romodorn 3romodorn | ample Type 3 BY METH Result 150000 ND ND ND ND ND ND ND ND ND ND | e: SAMP IOD 8260B | RL 3950 3950 3950 3950 3950 3950 3950 3950 | Units Units ug/Kg-dry | Collecti lethod: 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | on Date: 1/5/2005 Test Code: 1_826 SW8260B P Date Analyzed | 08_MEOH rep Method: SW Run Batch ID | 5030B_ME Analyst |
| Lab ID: 0501070-03A Sa VOLATILE ORGANIC COMPOUNDS Analyte 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetono Benzane Bromodichloromethane Bromoform Bromoform Bromoform | ample Type 3 BY METH Result 150000 ND ND ND ND ND ND ND ND ND ND | e: SAMP IOD 8260B | RL 3950 3950 3950 3950 3950 3950 3950 3950 | Units Units ug/Kg-dry | tethod: 5 DF 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | Test Code: 1_826 SW8260B P Date Analyzed | 08_MEOH rep Method: SW Run Batch ID | 5030B_ME Analyst |
| VOLATILE ORGANIC COMPOUNDS Analyte | B BY METHO Result 150000 ND ND ND ND ND ND ND ND ND ND ND ND ND | OD 8260B | RL 3950 3950 3950 3950 3950 3950 3950 3950 | Units Units ug/Kg-dry | DF 5 5 5 5 5 5 5 5 5 5 5 5 | SW8260B P Date Analyzed | rep Method: SW Run Batch ID | Analyst |
| A nalyte 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetong Benzene Bromodichloromethane Bromoform Bromoform Bromoform Bromothane Carbon disulfide | Result 150000 ND ND ND ND ND ND ND ND ND ND | <u> </u> | 3950 3950 3950 3950 3950 3950 3950 3950 | Units µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | DF 5 5 5 5 5 5 5 5 5 5 5 5 | Date Analyzed | Run Batch ID | Analyst |
| 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetono Benzene Bromodichloromethane Bromoform Bromoform | 150000 ND ND ND ND ND ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 3950 3950 3950 3950 | µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ | , | | •• • |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetong Benzene Bromodichlorornethane Bromodichlorornethane Bromoform Bromoform Bromothane Carbon disulfide | ND ND ND ND ND ND ND ND ND ND ND ND | > 7464 | 3950 3950 3950 3950 3950 3950 3950 3950 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 55555555555555555555555555555555555555 | 1/18/2005 1:45:00 AM | HANK 050117A | GP |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetong Benzene Bromodichlorornethane Bromodichlorornethane Bromoform Bromoform Bromothane Carbon disulfide | ND ND ND ND ND ND ND ND ND ND ND ND | ~ [**- | 3950 3950 3950 3950 3950 3950 3950 3950 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 55555555555555555555555555555555555555 | | | 5 |
| 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane, Total 1,2-Dichloroethane, Total 1,2-Dichloroethane 1,3-Dichloroethane 2-Butanone 2-Butanone 2-Chloroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetona Benzane Bromodichloromethane Bromoform Bromoform | ND ND ND ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 3950 3950 3950 3950 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 5 5 5 5 5 5 5 5 5 5 | | | |
| 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane, Total 1,2-Dichloroethane, Total 1,2-Dichloroethane, Total 1,3-Dichloroethane 2-Butanone 2-Butanone 2-Chloroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetone Benzane Bromodichloromethane Bromoform Bromoform | ND ND ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 3950 3950 3950 3950 | Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry Hg/Kg-dry | 5 5 5 5 5 5 5 5 5 5 | | | |
| 1,1-Dichloroethene 1,2-Dichloroethene, Total 1,2-Dichloroethene, Total 1,2-Dichloroethene, Total 1,2-Dichloroethene, Total 1,2-Dichloroethene, Total 1,3-Dichloroethene, Total 1,3-Dichloroethene, Total 1,4-Dichloroethene, Total 1,4-Dichloroethene, Total 2-Butanone 2-Oktoroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetong Benzene Bromodichloromethane Bromoform Bromoform Bromoform | ND ND ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 3950 3950 3950 7650 7650 7650 7650 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 5 5 5 5 5 5 5 5 5 | | | |
| 1,2-Dichloronthane 1,2-Dichloronthane, Total 1,2-Dichloropoane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetone Benzene Bromodichloromethane Bromoform Bromoform Bromothane Carbon disulfide | 00 00 00 00 00 00 00 00 00 00 00 00 | | 3950 3950 3950 3950 3950 3950 7650 7650 7650 7650 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | ប៍ ទ ទ ឆ ទ ទ ទ ទ ទ ទ | | | |
| 1,2-Dichloronthane 1,2-Dichloronthane, Total 1,2-Dichloropoane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetone Benzene Bromodichloromethane Bromoform Bromoform Bromothane Carbon disulfide | ND ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 3950 7650 7650 7650 7650 | µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | 5 ទ ទ ទ ទ ទ ទ ទ | | | |
| 1,2-Dichloroethene, Total 1,2-Dichlorobenzone 1,3-Dichlorobenzone 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetong Benzene Bromodichloromethane Bromoform Bromoform Bromothane Carbon disulfide | ND ND ND ND ND ND ND ND | | 3950 3950 3950 3950 7650 7650 7650 7650 | µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | ស 5 5 5 5 5 | | | |
| 1,2-Dichloropropane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pentanono Acetone 3enzene 3romodichloromethane 3romoform 3romoform 3romothane 2arbon disulfide | ND ND ND ND ND ND ND | | 3950 3950 3950 7650 7650 7650 7650 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 5 5 5 5 5 5 | | | |
| 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 2-Chloroethyl vlnyl ether 2-Hexanone 4-Methyl-2-pontanono Acetone Benzene 3romodichloromethane Bromoform Bromoform Bromothane Carbon disulfide | ND ND ND ND ND ND ND | | 3950 3950 7650 7650 7650 7650 | µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | 5 5 5 5 5 | | | |
| 1,4-Dichloroberizena 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetona Benzene 3romodichloromethane Bromoform Bromoform Carbon disulfide | ND ND ND ND ND ND | | 3950 7650 7650 7650 7650 | µg/Kg-diy µg/Kg-diy µg/Kg-diy µg/Kg-diy | 5 5 5 5 | | | |
| 2-Butanone 2-Chloroethyl vinyl ether 2-Hexanone 4-Methyl-2-pontanono Acetono Benzene 3romodichloromethane 3romoform 3romoform 3romothane Carbon disulfide | ND ND ND ND ND ND | | 7650 7650 7650 7650 | µg/Kg-dry µg/Kg-dry µg/Kg-dry | 5 5 5 | | | |
| 2-Hexanone 4-Methyl-2-pontanono Acatono 3enzene 3romodichloromethane Bromoform 3romoform 3romomothane 2arbon disulfide | ND ND ND ND | | 7650 7650 7650 | µg/Kg-dry µg/Kg-dry | 5 5 | | | |
| 2-Hexanone 4-Methyl-2-pontanono Acetono Benzene Bromodichloromethane Bromoform Bromomothane Carbon disulfide | ND ND ND ND | | 7650 7650 | µg/Kg-dry | 5 | | | |
| Acetong Benzene Bromodichloromethane Bromoform Bromomothane Darbon disulfide | ND ND ND | | 7650 | | | | 1 | |
| Benzene Bromodichloromethane Bromoform Bromomothane Darbon disulfide | ND ND | | | F0 | 5 | | ŀ | |
| Bromodichloromethane Bromoform Bromomothane Darbon disulfide | ND | | /000 | µg/Kg-dry | 5 | | | |
| Bromoform Bromomothane Darbon disulfide | | | 3950 | µg/Kg₊dry | 5 | | 2 | |
| Bromomothane Carbon disuffide | ND | | 3950 | µg/Kg-dry | 5 | | i. | |
| Carbon disulfide | QIA | | 3950 | µg/Kg-dry | 5 | | | |
| | ND | | 7650 | µg/Kg-dry | 5 | | | |
| Carbon tetrachloride | NÐ | | 3950 | µg/Kg-dry | 5 | | | |
| | ND | | 3950 | µg/Kg-dry | 5 | | | |
| Chlorobonzono | ND | | 3950 | µg/Kg-dry | 5 | | | |
| Chloroethane | ND | | 7650 | µg/Kg-dry | 5 | | | |
| Chloroform | ND | | 3950 | µg∕Kg-dry | 5 | | ÷ 1 | |
| Chloromethane | ND | | 7650 | µg/Kg-dry | 5 | | 2 | |
| sts-1,2-Dichloroethene | ND | | 3950 | µg/Kg-dry | 5 | | : | |
| vis-1,3-Dichloropropone | ND | | 3950 | µg/Kg-dry | 5 | | | |
| Dibromochloromethane | ND | | 3950 | µg/Kg-dry | - 5 | | | |
| 21bylbenZene | 3680 , | J < mcm | 3950 | µg/Kg-dry | 5 | | | |
| n,p-Xyłene | 11500 | > man | 3950 | µg/Kg-dry | 5 | | | |
| fethylene chloride | ND | | 3950 | µg/Kg-dry | 5 | | | |
| -Xylone | 6070 | > 164 | 3950 | µg/Kg-dry | 5 | | | |
| tyrene | ND | | 3950 | μο/Kg-dry | 5 | | | |
| | 410000 E | E > Man | 3920 | µg/Kg-dry | 5 | | 1 | |
| | 640000 E | E > Mam | 3950 | µg/Kg-dry | 5 | | - | |
| ans-1,2-Oichloroethene | ND | | 3950 | µg/Kg-dry | 5 | | 1 | |
| ans-1,3-Dichloropropeno | ND | | 3950 | µg/Kg-dry | 5 | | | |
| e Guiddons: | , . | - ·· · | | | | · · · · | , | |
| - Recursey anticle QC lugits | H . A. | I a house to be |) | | | | 8 | |
| PF+ Dilution Factor | | amilyte fionaal ju Mr. - List not fynite | allianta fottatile | | | D Diluted due to maximix or e by Receive basis communication to | | |
| Value Baceste Maximum Contaminant Level | | Souted rates | | | | h - Result above quantitation to M - Motrix Spike Recovery out | | s confic) |
| - Single Colorus Analysis | | Not Calculated | | | | ND Not Detected at the Repo | | |
| P - Perrolemon Pottern is not present | P Pos | ost Spike Broovery | outsale limi | 14 | | K - RPD untside recovery limits | | 49 |
| A AL IN MA | | <u></u> . | | | | •••••••••••••••••••••••••••••••••••••• | | 42 |
| MS Version #(= 050149 1140 | | | | | | Printed: Modesed | en di wange 197 5605 (199 5 | स मन |

| Analytical S International Specialis 4493 Walden Aver Speciology und environment inc. Lancaster, New Yo | | Laboratory Results NYS ELAP ID#: 10486 Phone: (716) 685-8080 | | | | | | | |
|--|--|--|--|-----------------------|---|---|--------------------|--|--|
| Client: Natures Way Environmen Lab Order: 0501070 Project: Wyoming Co. Fire Traini | ing Center | | Client Sample ID: NORTH 7-D Alt. Client ID: Collection Date: 1/5/2005 Atrix: Soil Test Code: 1_8260B_MEQH | | | | % Moist:16.70 | | |
| Lab ID: 0501070-03A Sa | mple Type: SAI | MP Matr | ix: Soil | | | <u> </u> | <u> </u> | | |
| VOLATILE ORGANIC COMPOUNDS | BY METHOD 82 | 60B | Me | ethod: S | W8260B Pro | ep Method: SV | V50308_MEO | | |
| Analyte | Result Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst | | |
| Trichloroethene Trichlorofluoromuthane Vinyl acetate Vinyl chloride Xylenes, Total | ND ND ND 16500 > 74 | 3950 3950 7650 7050 6M 3950 | µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | 5 5 5 5 5 | | | | | |
| Surr:1,2-Dichloroethane-d4 Surr:4-Bromofluorobenzene Surr:Dibromolluoromothane Surr:Toluene-d8 | 81 102 92 105 | 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 | %REC %REC %REC %REC %REC | 5 5 5 5 5 | (/18/2005 1:45:00 AM HA | ANK_050117A | GP | | |
| • • • | | - | | | | | | | |
| | | | | | | | | | |
| | |) 2 | | | | | | | |
| | | ŀ | | | | | | | |
| | | | | | | | | | |
| Definitions: | ····· | | | . <u> </u> | |) 197 0 , 1990, 199 | | | |
| Restoracy outside QC lindts DF - Diduga Pactor N - Valor Eureeds Maximum Configurations (2002) N Single Coloupt Analysis NP - Patroloum Patteru is not present | DNI - Did not J - Estimated NC - Not Cal | value | 5 | | D Diluted due to association of R - Result above quantitation I M - Matrix Spike Recovery on ND - Not Densited as the Repo R - RPD outside recovery limit | lither (high standard or ICP 1) uside limits orting Loout | uwar cango). 50 | | |
| LEMS Version #c - 650(19) 1(20 | | | | - | Printed: Wedge of | liy Roman o Geotory | , | | |

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Jan 24 05 10:48a Nature's Way

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| Client: Natures Way Enviro Lab Order: 0501070 Project: Wyoming Co. Fire T Lab ID: 0501070-04A VOLATILE ORGANIC COMPOUN Analyte | ew York 14086 onmental Training Center Sample Type | e: DL | alysis | | | Laborator NYS ELA Phone: umple ID: NORTH | AP ID#: 10486 (716) 685-8080 | |
|---|---|---|---------------------------------------|------------------------|-----------|--|---|----------------------|
| Client: Natures Way Enviro Lab Order: 0501070 Project: Wyoming Co. Fire T Lah ID: 0501070-04A VOLATILE ORGANIC COMPOUN Analyte | ew York 14086 onmental Training Center Sample Type | e: DL | | | | Phone: | (716) 685-8080 | |
| Client: Natures Way Enviro Lab Order: 0501070 Project: Wyoming Co. Fire T Lab ID: 0501070-04A VOLATILE ORGANIC COMPOUN Analyte | onmental Training Center Sample Type | e: DL | Ma | | | ************************************** | · · · · · · · · · · · · · · · · · · · | |
| Lab Order: 0501070 Project: Wyoming Co. Fire T Lab ID: 0501070-04A VOLATILE ORGANIC COMPOUN Analyte | Training Center Sample Type | e: DI. | Ma | | | mple ID: NORTH. | 8-D | |
| Project: Wyoming Co. Fire T Lab ID: 0501070-04A VOLATILE ORGANIC COMPOUN Analyte | Sample Type | e: DI. | Ma | | | | | |
| Lab ID: 0501070-04A VOLATILE ORGANIC COMPOU Analyte | Sample Type | e: DI. | Ma | | | Client ID: ion Date: 1/5/2005 | <i>171_</i> 1* | - • • • • • • • |
| Analyte | _ •* | | · · · · · · · · · · · · · · · · · · · | atrix; Soil | Lynces. | Test Code: 1826 | | Moist: 19 .10 |
| Analyte | | • | | | Method: 8 | · · · · · · · · · · · · · · · · · · · | Prep Method: SW5 | 5030B ME |
| · · · · · · · · · · · · · · · · · · · | | | | | ······ | | | |
| · · | Result | Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst |
| 1,1,1-Trichlorgethane | 31800 | > PAGM | 20300 |) µg/Kg-dry | 25 | 1/18/2005 2:29:00 PM | | 5357367 |
| 1,1,2,2-Tetrachloroothane | ND | · · · | 20300 | | | | HANK_050118A | DWW |
| 1,1,2-Trichloroethane | ND | | 20300 | | 25 25 | | | |
| 1,1-Dichloroethane | ND | | 20300 | | 25 | | | |
| 1.1-Dichloroethene | ND | | 20300 | µg/Kg∙dry | 25 | | | |
| 1,2-Dichlorobenzene 1,2-Dichlorosthana | ND | | 20300 | µg/Kg-dry | 25 | | | |
| 1.2-Dichloroethane 1.2-Dichloroethene Total | ND | | 20300 | µg/Kg-dry | 25 | | | |
| 1,2-Dichloroethene, Total 1,2-Dichloropropane | ND | | 20300 | | 25 | | | |
| 1,2-Dichlorobenzene | ND ND | | 20300 | | 25 | | | |
| 1,3-Dichlorobenzene 1,4-Dichlorobenzene | ND ND | | 20300 20300 | µg/Kg-dry ug/Kg-dry | 25 | | | |
| 2-Butanone | ND ND | | 20300 39300 | µg/Kg-dry µg/Kg-dov | 25 25 | | | |
| 2-Chlorocthyl vinyl ether | | | 39300 39300 | µg/Kg-dry µg/Kg-dry | 25 25 | | | |
| 2-Hexanone | ND | | 39300 39300 | µg/Kg-dry µg/Kg-dry | 25 25 | | | |
| I-Mathyl-2-pentanone | ND | | 39300 | µg/Kg-ory µg/Kg-ory | 25 25 | | | |
| Acetone | ND | | 39300 | µg/Kg-dry µg/Kg-dry | 20 25 | | | |
| Benzene | ND | | 20300 | μg/Kg-dry | 25 25 | | | |
| Bromodichloromethane | ND | | 20300 | µg/Kg-dry | 25 | | | |
| Bromoform | ND | | 20300 | µg/Kg-dry | 25 | | | |
| Bromomethane Sarbon disulfide | ND | | 39300 | µg/Kg-dry | 25 | | | |
| arbon disulfide Jarbon tetrachloride | ND | | 20300 | µg/Kg-dry | 25 | | | |
| vanon tetrachioride Dhioroberizene | ND ND | | 20300 | µg/Kg-dry | 25 | | | |
| Chloroethanc | ND ND | | 20300 | µg/Kg-dry µg/Kg-dry | 25 | | | |
| Chloroform | ND ND | | 39300 20300 | µg/Kg-dry ug/Kg-dry | 25 25 | | | |
| Chloromothano | | | 20300 39300 | µg/Kg-dry µg/Kg-dry | 25 25 | | | |
| cis-1,2-Dichloroethene | ND | | 39300 20300 | µg/Kg-dry µg/Kg-dry | 25 25 | | | |
| is-1,3-Dichloropropone | ND | | 20300 | µg/Kg-ary µg/Kg-dry | 25 25 | | | |
| Dibromochloromethane | ND | | 20300 | µg/Kg-ary µg/Kg-dry | 25 25 | | | |
| Ethylbonzene n. p. Xidene | ND | | 20300 | µg/Kg∙dry | 25 25 | | | |
| n.p-Xylene Aviational and a state | ND | | 20300 | µg/Kg-dry | 25 | | | |
| felinylene chlorido - Xviece | ND | 2 | 20300 | µg/Kg-dry | 25 | | | |
| -Xylene tyrene | ND | 2 | 20300 | µg/Kg-dry | 25 | | | |
| tyrene etrachloroethene | ND agagoo > | 1719 A. M. | 20300 | µg/Kg-dry | 20 | | | |
| oluene Oluene | 000000 | · · · · · | | µg/Kg-dry | 25 | | | |
| ans-1,2-Dichloroethene | 479000 >. ND | | | µg/Kg-dry µa/Ka-dry | 25 | | | |
| ans-1,3-Dichloropropone | ND ND | | | µg/Kg-dry µg/Kg-dry | 25 25 | | | |
| | · · · · · | | | | | ••••• | | |
| - Recovery outside QC limits | 14 - Au | - dia Me | | | | | | |
| F Libason Pactor | | ndyte fennel in Mett Diel nor Lynine | oud blank | | | D Diluted due to unintrix or ex E. Result along quantization in | stended target compounds | |
| Value Exceeds Maximum Comunismu Level | | but not ignore | : | | | E Reput arave quantitation in M - Matrix Spike Recovery outs | inút (Ingli Standard og RCP linger g. Iside lindis | -mh**). |
| Surgle Column Analysis | NC - N | Sor Calculated | : | | | M - Matrix Spike Recovery outs ND - Not Detected at the Report | | |
| P - Potrokulti Petraina rai pyreent | | a Spike Recovery o | ouiside Gamitr | . K | | R - SPD subsule recovery librars | | 97 |

| Jan 24 05 10:48a | Nature's I | ฟอษ | | | 716-937-9: | 360 | P+1 | 16 |
|--|--|---|---|--|------------------------------------|----------------|-----------|---------|
| | | | |] | Laborato NYS El Phone: | .AP 1D#: 104 | 186 | |
| Client: Natures Way Environ Lab Order: 0501070 Project: Wyoming Co. Fire Tr Lab ID; 0501070-04A | aining Center Sample Type: DI. | | ix: Soil | Alt. Cli Collection | n Date: 1/5/2003 Test Code: 1_8 | 5 260B_MEOH | % Moist:1 | |
| VOLATILE ORGANIC COMPOUN | DS BY METHOD 8260 | ₿ | . | ethod: S ¹ | | Prep Method: | · · | |
| Analyte | Result Q | RL | Units | DF | Date Analyzed | I Run Batch | | alyst |
| Trichloroethene Trichlorofluoromethane Vinyl acetate Vinyl chlorido Xytenes, Total Surr:1,2-Dichloroethane-d4 | ND ND ND ND ND ND 85 | 20300 20300 39300 20300 20300 70 - 130 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry %REC | 25 25 25 25 25 25 25 | 1/18/2005 2:29:00 PM | 1 HANK_050118A | C | wwc |
| Surr:4-Bromofluorobenzene Surr:Dibromofluorometharie Surr:Toluene-d8 | 93 94 100 | 70 - 130 70 - 130 70 - 130 70 - 130 | %rec %rec %rec | 25 25 25 | | | | |
| | | | | | | | | |
| | |) | | | | | | |
| | | | | | | | | |
| | | 1 | | | | | | |
| | |) | | | | | | |
| | | 1 | | | | | | |

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Definitions:

* - Recovery outside QC tonies

DF - Libbuison fiastor

H - Vulue Exceeds Maximum Concarningua Cavel

N - Single Column Analysis NP - Pennleom Fattern is not present

LIMIS Version 8: 050119 (130

B. - Analyte found in Method blank
 DNI Did not lguite
 J. Estimated value
 NC: Not Calculated
 Post Spike Recovery outside limits

D) Differed due to construity or extended target components.
 B) - Reads above quantization linet (high standard or ICP functor compo)
 M) - Matrix Spike Receivery outside hums.
 ND - Not Detected in the Reporting Lindi.

R - RPD outside recovery limits

Primeds, beed and as damary 19, and 3 for of PM

Laboratory Results

| Cology and Unvironment, mi. Lancaster, Ne | | | 212 | | | NYS F Phone | | 1486 1080 | |
|--|-----------------|---------------------------------------|-----------------|--------------------|----------|------------------------|--------------------------------|--------------|-------------|
| Client: Natures Way Enviro | mmental | · · · · · · · · · · · · · · · · · · · | | C | lient Sa | umple ID: SOUT | H 4-C | | |
| Lab Order: 0501070 | | | | | Alt. 🤇 | Client ID: | | | |
| Project: Wyoming Co. Fire ' | fraining Center | | | | Collect | ion Date: 1/5/200 |)5 | % M | loist:18.80 |
| Lab ID: 0501070-05A | Sample Type | : SAMP | Mat | rix: Soil | | Test Code: 1_8 | 3260B_MEOH | | |
| VOLATILE ORGANIC COMPOU | NDS BY METH | OD 8260B | : | Me | ethod: | SW8260B | Prep Method: | SW6 | 030B_ME |
| Analyte | Result | | RL | Units | DF | Date Analyze | d Run Bate | h ID | Analyst |
| 1,1,1-Trichloroethane | 7340 | > MGM | 808 | µg∕Kg-dry | 1 | 1/18/2005 4:03:00 At | A HANK 050 | 1174 | GP |
| 1,1,2,2-Tetrachloroethane | DИ | | 808 | µg/Kg-dry | 1 | i | | | |
| 1,1,2-Trichloroethane | ND | | 808 | µg∕Kg-dry | 1 | E | | | |
| 1,1-Dichloroothane | ND | | 808 | µg/Kg-dry | 1 | (| | | |
| 1,1-Dichloroothene | ND | | 808 | µg∕Kg-dry | 1 | * | | | |
| 1,2-Dichlorobanzenc | ND | | 808 | µg/Kg-dry | 1 | • | | | |
| 1,2-Dichloroethane | ND | . 0.40.00 | 808 | pg/Kg-dry | 1 | l | | | |
| 1,2-Dichloroethene, Total | 2980 | > PAGM | 808 | µg/Kg-dry | - | t | | | |
| 1,2-Dichloropropane | ND | | 808 | µg/Kg-dry | 1 | 1 | | | |
| 1,3-Dichlorobenzene | ND | | 808 | µg/Kg-dry | 7 | t | | | |
| 4-Dichlorobenzene | ND | | 808 | µg/Kg-dry | ۱ | 1 | | | |
| 2-Butanone | ND | | 1560 | µg/Kg-dry | 1 | 1 | | | |
| 2-Chloroethyl vinyl ether | DN | | 1560 | µg/Kg-dry | 1 | t | | | |
| 2-Hoxanone | ND | | 1560 | µg/Kg-dry | - | 1 | | | |
| 4-Methyl-2-penianono | ND | | 1560 | µg∕Kg-dry | 1 | 1 | | | |
| Acetono | ND | | 1560 | µg/Kg-dry | 1 | 1 | | | |
| Benzone | ND | | 808 | µg∕Kg-dry | • | 1 | | | |
| Bromodichloromethane | ND | | 808 | µg/Kg-dry | - | 1 | | | |
| Bromoform | DND | | 808 | µg/Kg-dry | - | 1 | | | |
| Bromomethane | ND | | 1560 | µg/Kg-dry | | 1 | | | |
| Carbon disulfide | ND | | 808 | µg/Kg-dry | | 1 | | | |
| Carbon tetrachioride | ND | | 808 | µg/K <u>g</u> -diy | | 1 | | | |
| Chiorobenzene | ND | | 808 | µg/Kg-dry | | 1 | | | |
| Chloroethanc | ND | | 1560 | µg∕Kg-dry | | 1 | | | |
| Chloroform | ND | | 808 | µg/Kg-dry | • | 1 | | | |
| Chloromethane | NĎ | A A | 1560 | µg/Kg-dry | | 1 | | | |
| cis-1,2-Dichloroothene | 2980 | > 146 m | 808 | µg ∕Kg-d ry | | 1 | | | |
| cis-1,3-Dichloroptopene | ND | | 808 | µg/Kg-dry | | 1 | | | |
| Dibromochloromethano | ND | ~ <i>* * *</i> | 608 | µg/Kg-dry | | 1 | | | |
| Ethylbenzene | 10500 | > Mom | 808 | µg/Kg•dry | | 1 | | | |
| n,p-Xylene | 46100 | > m6m | 808 | µg∕Kg-dry | | 1 | | | |
| Methylene chloride | ND | 0000 | 808 | µg∕Kg∙dry | | 1 | | | |
| o-Xylene | . 16700 | > Mem | 808 | µg∕Kg-dry | | 1 | | | |
| Styreno | ÓИ I | . | 808 | µg∕Kg-dry | • | 1 | | | |
| Tetrachloroethene | 492000 | E > MGM | 808 | µg/Kg-dry | | 1 | | | |
| Toluene | 9260 | > MGM | 808 | µg∕Kg-dry | | 1 | | | |
| trans-1,2-Dichlorouthene | ND | | 808 | µg∕Kg-dry | | 1 | | | |
| irans-1,3-Dichloropropene | ND | | 808 | µg∕Kg-dry | | 1 | | | ····· |
| Definitions: | | | | · | | | | | |
| * - Recovery outside (X) tanks | 1 | Analyte found in N | લ્લોઝનો મિઝાર્ગ | | | D - Diluted due to not | strig or extended target con | annuda | |
| 1014 Dilution Factor | | NI Did not Igtilte | | | | | rjtation lävät flägji stuudand | | пазацуе). |
| R - Volue Insteeds Moximum Contaminant Level | | Refinanced volum | | | | M - Matrix Spike Rea | overy outside liquits | | |
| N Single Column Analysis | N | C + Not Calculated | | | - | ND - Not Detected at | | | |
| NP - Petroleman Pattern is and present | 1 P | · Post Spike Recove | ry outside hu | nins | | R RPD ontside reco | very limits | | 108 |

ALC: NO. OF TAXABLE

Client Sample ID: SOUTH 4-C

Collection Date: 1/5/2005

Alt. Client ID:

Method: SW8260B

Laboratory Results

NYS ELAP ID#:

Phone:

Test Code: 1_8260B_MEOH

% Moist:18.80

10486

Prep Method: SW5030B_MEO

(716) 685-8080

Analytical Services Center

International Specialists in Environmental Analysis 4493 Walden Avenue

togy underwinnent, int. Lancaster, New York 14086

Client: Natures Way Environmental

Lab Order: 0501070

Lah 1D: 0501070-05A

Project: Wyoming Co. Fire Training Center

Sample Type: SAMP

Matrix: Soil

| VOLATH F ORGANIC COMPOUNDS | C RV MELHOD X7608 |
|----------------------------|-------------------|
| VALATE FINGARIG CONFOUNDS | |

| Analyte | Result Q | | Units | DF | Date Analyzed Run Batch ID Analyst |
|---|--|--|--------------|---------------------------------|--------------------------------------|
| I richloroethene Trichlorofluoromethane Vinyl acetate Vinyl chloride Xylenes, Total Surr:1,2-Dichloroethane-d4 Surr:1,2-Dichloroethane-d4 Surr:Tobernofluorobenzeno Surr:Dibromofluoromethane Surr:Tobene-d8 | ND ND ND 62800 > 744 82 93 92 105 | 808 908 1560 1560 70 - 130 70 - 130 70 - 130 70 - 130 | %REC %REC | 1 1 1 1 1 1 1 | 1/18/2005 4:03:00 AM HANK_050117A GP |

Definitions:

Recovery outside QC limits
 DF Dilution Factor
 Value Exceeds Maximum Contanáguas Level
 N - Single Colum Analysis

NP - Proofeun Pattern is not present

LIMS Version 8: 050119 1130

B - Analyze found in Method blank
DNI - Did not Ignate
J - Entimated value
NG - Non Calculated
P - Post Spike Recovery outside limits

Diluted due to materix or extended target compromits
 Result above quantitation limit (ling) Mandard or R^{*}t^{*} linear mage).
 M - Matrix Spike Recovery outside limits
 NO - Not Detected at the Reporting Limit
 R - R142 outside metovery limits

Pristed: Wednesday, Country, 795, 11143450

p.19

Analytical Services Center International Specialists in Environmental Analysis

4493 Walden Avenue country and anvironment, inc. Lancaster, New York 14086

Client: Natures Way Environmental

Lab Order: 0501070

Lab ID: 0501070-08A

Wyoming Co. Fire Training Center **Project:**

Laboratory Results

NYS ELAP ID#: 10486 (716) 685-8080 Phone:

Client Sample ID: MIDDLE 1-C Alt. Client ID:

Collection Date: 1/4/2005

Method: SW8260B

% Moist:2.33

Prep Method: SW5030B

Sample Type: SAMP Matrix: Soil

DNL Did on Ignite

NC Nut Calculated

P. Post Spike Recovery outside limits

J - 15stimated value

- -----

Test Code: 1_82608_S

VOLATILE ORGANIC COMPOUNDS BY METHOD 8260B

| Analyte | Result | Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analy |
|----------------------------|--------|----------|------|-----------|--------|----------------------|--|-------|
| 1, 1, 1-Trichloroethane | ND | | 5.19 | рд/Кд-длу | 1 | 1/12/2005 Z 35:00 PM | HANK 050117A | RMJ |
| 1,1,2,2-Totractiloroethane | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 1.1.2-Trichloroethane | ND | | 5.10 | µg/Kg-dry | , 1 | | | |
| 1,1-Dichloroethane | ND | | 5.19 | µg/Kg-dry | 1 | | A. C. The second se | |
| 1.1-Dichloroethene | ND | | 5.19 | µg/Kg∙dry | 1 | | | |
| 1,2-Dichlorobenzené | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloroethane | ND | | 5.19 | µg/Kg-dry | . 1 | | | |
| 1,2-Dichloroethene, Total | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 1,2-Dichloropropano | ND | | 5.19 | μg/Kg-dry | 1 | | | |
| 1,3-Dichlorobenzene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 1,4-Dichlorobenzene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 2-Butanone | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| 2-Chloroethyl vinyl ethor | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| 2-Hexanone | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| 4-Methyl-2-pontanone | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| Acetono | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| Benzene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Bromodichloromethane | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| molomot | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Sromomethane | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| Carbon disulfide | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Darbon tetrachloride | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Chlorobenzene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Chloroethane | ND | | 10.4 | µg/Kg-dry | 1 | | | |
| Chloroform | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| hloromethane | ND | | 10.4 | µg∕Kg-dry | 1 | | | |
| is•1,2•Dichloroethene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| is-1,3-Dichloropropene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| Dibromochioromethane | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| thylbenzene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| 1,p-Xylone | ND | | 5.19 | µg/Kg-dry | ŧ | | | |
| fethylene chloride | ND | | 5,19 | µg/Kg-dry | 1 | | : | |
| -Xylene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| tyrene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| etrachloroetheno | 45.1 | < MGA | 5.19 | µg/Kg-dry | 1 | | | |
| oluene | ND | | 5.19 | µg/Kg-dry | 1 | | | |
| ans-1,2-Dichloroethene | ND | | 5.19 | µg/Kg∙dry | 1 | | 3 | |
| ans-1,3-Dichloropropene | ND | | 5.19 | µg/Kg-dry | 1 | | | |

DF - Dahum Foetro

- H Value Exceeds Maximum Contonnant Level N - Single Column Analysis
- NP Petroleum Pattern is not present

LTMS Version #1 050(19-1424)

D. Diluted due to instatrix or extended target companyols H - Result above quantitation linkit (high standard or ICT factor range) M - Matrix Spake Recovery ontside limits ND - Not Detected at the Reporting Limit R - RPD outside recovery limits

Polioted: Wirdersday, Jeanapp (9, 1903) 7/10034333

¹³⁹

| Trichloroethene ND 5,19 µg/Kg-dry 1 Trichlorofluoromethane ND 5.19 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl chloride ND 10.4 µg/Kg-dry 1 Xylenos, Total ND 5.19 µg/Kg-dry 1 | client: Natures Way Env. ab Order: 0501070 | /ironmental | Phone: (716) 685-8080 Client Sample ID: MIDDLE 1-C Alt. Client ID: | | | | | |
|--|--|----------------|--|-------------------------------------|--------|---------------|-----------------|-------------|
| Analyte Result Q RL Units DF Date Analyzed Run Batch ID Analyse Frichloroethene ND 5.19 µg/Kg-dry 1 Trichlorofluoromethane ND 5.19 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl chloride ND 5.19 µg/Kg-dry 1 Kylenos, Total ND 5.19 µg/Kg-dry 1 Surr:1,2-Dichloroethane-d4 92 77 - 119 %REC 1 Surr:4-Bromofluorobenzene 102 88 - 124 %REC 1 Surr:Dibromofluoromethane 100 83 - 117 %REC 1 | • | - | Mat | rix: Soil | Conect | | | /10181:2.55 |
| Trichloroethene ND 5.19 µg/Kg-dry 1 Trichlorofluoromethane ND 5.19 µg/Kg-dry 1 Trichlorofluoromethane ND 5.19 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl chloride ND 10.4 µg/Kg-dry 1 Kylenos, Total ND 5.19 µg/Kg-dry 1 Surr:1,2-Dichloroethane-d4 92 77 - 119 %REC 1 Surr:4-Bromofluorobenzene 102 88 - 124 %REC 1 Surr:Dibromofluoroethane 100 83 - 117 %REC 1 | · · · · · · · · · · · · · · · · · · · | | | | thod: | SW8260B | Prep Method: SW | 5030B |
| Trichlorofluoromethane ND 5.19 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl acetate ND 10.4 µg/Kg-dry 1 Vinyl chloride ND 10.4 µg/Kg-dry 1 Xylenos, Total ND 5.19 µg/Kg-dry 1 Surr:1,2-Dichloroethane-d4 92 77 - 119 %REC 1 1/12/2005 7:35:00 PM HANK_050112A HMJ Surr:4-Bromofluorobenzene 102 88 - 124 %REC 1 HMJ Surr:Dibromofluoromethane 100 83 - 117 %REC 1 1 | nalyte | Result Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analys |
| Surr:4-Bromofluorobenzene 102 88 - 124 %REC 1 Surr:Dibromofluoromethane 100 83 - 117 %REC 1 | richtorofluoromethane Inyl acetate Inyl chloride | ND ND ND | 5.19 10.4 10.4 | µg/Kg-dry µg/Kg-dry µg/Kg-dry | 1 | | | |
| | Surr:4-Bromofluorobenzene Surr:Dibromofluoromethane | 102 100 | 88 - 124 83 - 117 | %REC %R€C | 1 | | HANK_050112A | LМН |
| | | | | | | | | |
| | | | : | | | | | |

| Definitions: | 99 - 99 - 99 - 99 - 99 - 99 - 99 - 99 | 1 4 1 | | ·,. | | |
|--|---------------------------------------|----------------|----|-----------------------------------|-----------------------------|----------|
| Recuvery noiside QC limits | B - Analyse firmul in Mer | thod blank | Ď | · Diluteri due to maxime or exter | ided target componists | |
| DP Dilution Panao | DNI - Did not ignite | | 15 | · Result above quantitation tunit | (tuply standard or TCP line | ar coga) |
| ¥1 - Value Exceeds Maximum Conturninant Level | J · Estimated value | | м | Matria Späce Recovery outside | : Harnies | |
| N - Single Column Analysis | NC - Not Calculated | | N |) Not Detected at the Reportin | g Lanit | |
| bor Petroleum Pattern is not present | P Post Spike Recovery | ourside linnts | ж | - RPD outside recovery limits | | |
| ** | | | | | | |

LAMS Version #: 030419_1130

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Printed: Wettersday, 40,0005 7:22:34 PM

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| | | nnenial Analy | | | | Laborato NYS EL Phone: | ry Results | |
|---|---------------|--|------------------|---------------------------------------|---------|------------------------------|--|--------------|
| Client: Natures Way Env | ironmental | | | | | ample ID: MIDDL | [§ 7-В | |
| Lab Order: 0501070 | | | | · | | Client ID: | | ar |
| Project: Wyoming Co. Fire | | | | | Collect | tion Date: 1/4/2005 | | Aoist:18.70 |
| Lab ID: 0501070-09А | Sample Typ | | Mat | trix: Soil | | Test Code: 1_82 | | |
| | OUNDS BY METH | OD 8260B | 2 | M | lethod: | SW8260B | Prep Method: SW | 5030B |
| Analyte | Result | Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analys |
| 1,1,1-Trichloroethane | ND | | 6.04 | μŋ/Kg-dry | 1 | 1/13/2005 2:58:00 PM | HANK 050113A | HMJ |
| 1,1,2,2-Tetrachloroethano | ND | | 6.04 | µg/Kg-dry | 1 | 1 | | |
| 1,1,2-Trichloroethane | ND | | 6.04 | µg/Kg-dry | 1 | t | | |
| 1,1-Dichloroethane | ND | | 6.04 | µg/Kg∳dry | 1 | ł | | |
| I,1-Dichloroethene | ND | | 6.04 | µg/Kg-dry | 1 | f | | |
| 1,2-Dichlorobenzene | ND | | 6.04 | µg/Kg-dry | 1 | 1 | | |
| ,2-Dichloroethane | NÐ | | 6.04 | µg/Kg-dry | ា | İ | | |
| ,2-Dichloroethene, Total | 2.52 | J < 746M | 6.04 | µg/Kg-dry | 1 | l | | |
| ,2-Dichloropropane | ND | | 6.04 | µg/Kg-dry | 1 | i . | | |
| ,3-Dichlorobenzene | ND | | 6.04 | µg/Kg-dry | 1 | l | | |
| 4-Dichlorobenzene | ND | | 6.04 | µg/Kg-dry | 1 | l | | |
| -Butanone | ND | | 12.1 | µg/Kg-dry | 1 | I | | |
| 2-Chloroethyl vinyl ethor | ND | | 12.1 | µg/Kg-dry | 1 | | | |
| 2-Hexanone | ND | | 12.1 | µg/Kg-dry | 1 | ļ | | |
| I-Methyl-2-pontanone | ND | | 12.1 | µg/Kg-dry | 1 | | | |
| Acelono Remaine | ND | • | 12.1 | µg/Kg-dry | 1 | | | |
| Benzeno Bromodichloromethane | ND | | 6.04 | µg/Kg-dry | 1 | | | |
| Biomodici il Di Di Malinaria Biomoform | ND | | 6.04 | µg/Kg-dry | 1 | | | |
| Bromomelihane | ND ND | | 6.04 | hů/Ků-dry | 1 | | | |
| Carbon disulfide | ND | | 12.1 | µg/Kg-dry | 1 | | | |
| Sarbon tetrachloride | ND | | 6.04 | µg/Kg-dry | 1 | | • | |
| chlorobenzene | ND | | 6.04 6.04 | pg/Kg-dry | 1 | | | |
| Shoroethane | | | 6.04 | µg/Kg-dry | | i | | |
| hloroform | ND | | 12.1 6.04 | µg/Kg-dry | 1 | | | |
| hloromethane | ND | | 12.1 | µg/Kg-dry | 1 | | | |
| is-1,2-Dichloroethene | 2.52 | 3 < MGM | 6.04 | µg/Kg-dry | 1 | | | |
| is-1,3-Dichloropropene | ND | 5 1 1 | 6.04 | µg/Kg-dry | 1 | | | |
| libromochloromethane | ND | | 6.04 | µg/Kg-dry µg/Kg-dry | 1 | | | |
| ihylbenzene | ND | | 6.04 | µg/Kg-dry µg/Kg-dry | - | | | |
| n,p-Xylene | ND | | 6.04 | µg/Kg-dry µg/Kg-dry | 1 | | | |
| lethylene chloride | ND | | 6.04 | µg/Kg-dry | 4 | | | |
| -Xylene | ND | | 6.04 | µg/Kg-dry | 1 | | | |
| lyreno | ND | | 6.04 | µg/Kg-dry | t | | | |
| etrachioroethene | | = MAGM | 6.04 | µg/Kg-dry | , 1 | | | |
| olueno | ND | • | 6.04 | µg/Kg-dry | 1 | | | |
| ans-1,2-Dichloroethone | ND | | 6.04 | µg/Kg-dry | 1 | | | |
| ans-1,3-Dichloropropene | ND | | 6.04 | µg/Kg-dry | 1 | | | |
| efinitions: | | | | · · · · · · · · · · · · · · · · · · · | - · - | | ···· ··· · ··· | ··•• ··•· · |
| - Recovery conside QC limits | - | • unitari • • • • • • | | | | A | | |
| Freedowery musule QC lanus | | Analyte Jourd in Me 1951 nor Ignite | લહ્મના કારણાં | | | | or extended larger compounds | |
| Value Exceeds Maxarann Contambrail Level | | stinated value | | | | M Marz Späce Recovery | ou how thigh seatched on R Y five contacte funite | to turd.s.r. |
| - Stogle Column Analysis | | - Not Calculated | | | | ND Not Department of the h | | |
| Petroleum Pattern is test present | | 'est Spike Recovery | : antorio lam | | | R + BPD outside recovery I | | 14 |

فالمعتقب والمعتر والمعالم والمعاد والمتشاطر والمعالم

ale of a sub-free strength of the
| Analytics International Spectro of Advanced and Analytics Advanced and Analytics Advanced and Analytics An | | Laboratory Results NYS ELAP ID#: 10486 Phone: (716) 685-8080 | | | | | | |
|---|---|--|---|--|--------------------|--|---------------------------|---------------|
| Client: Naturos Way Enviro Lab Order: 0501070 Project: Wyoming Co. Fire T Lab ID: 0501070-09A | | | Matr | rix: Soil | Alt. Cl | aple ID: MIDDLi ient ID: on Date: 1/4/2005 Test Code: 182 | | % Moist:18.70 |
| | | | | | | | | |
| VOLATILE ORGANIC COMPOU | NDS BY METH | IOD 8260B | | M | ethod: S | W8260B | Prep Method: | SW5030B |
| VOLATILE ORGANIC COMPOU | NDS BY METH Result | | RL | Mo Units | ethod: S DF | W8260B Date Analyzed | Prep Method: Run Batcl | |
| Analyte | · · · · | | <u>RL</u> 6,04 | | | | | |
| A naiyte | Result U.836 ND | Q | 6,04 6_04 | Units µg/Kg-dıy µg/Kg-dıy | | | | |
| A nalyte Trichloroothene Trichlorofluoromethane Vinyl acetate | Result 0.836 ND ND | Q | 6,04 6.04 12.1 | Units µg/Kg-dry µg/Kg-dry µg/Kg-dry | | | | |
| A nalyte Trichloroothene Trichlorofluoromethane Vinyl acetate Vinyl chloride | Result 0.836 ND ND ND ND | Q | 6,04 6.04 12.1 12.1 | Units µg/Kg-dıy µg/Kg-dıy µg/Kg-dıy µg/Kg-dıy | | | | |
| A nalyte Trichloroothene Trichlorofluoromethane Vinyl acetate Vinyl chloride Xylenas, Total | Result U.836 ND ND ND ND | Q J < <i>[H6M</i> | 6,04 8.04 12.1 12.1 6.04 | Units µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | | Date Analyzeď | Run Batel | h ID Analyst |
| A nalyte Trichloroathene Trichlorofluoromethane Vinyl acetate Vinyl chloride Xylenes, Total Surr: 1,2-Dichloroethane-d4 | Result U.836 ND ND ND ND 89 | Q J < <i>[]</i> #6#1 | 6.04 6.04 12.1 12.1 6.04 7 - 119 | Units µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry %REC | | | Run Batel | |
| A nalyte Trichlorocthene Trichlorofluoromethane Vinyl acetate Vinyl chloride Xylenes, Total | Result U.836 ND ND ND ND | Q J < <i>[]</i> #6#1 | 6,04 8.04 12.1 12.1 6.04 | Units µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry µg/Kg-dry | | Date Analyzeď | Run Batel | h ID Analyst |

Nature's Way

Definitions:

Recovery ourside QC hubbs
 Diboron Factor
 Volue Exceeds Maximum Contandonan Level
 N Single Column Analysis
 NP - Petroleum Patra a is not present

Jan 24 05 10:52a

E.(AIS Version #1 - 0.51115 1030

B. Analyte bound in Method blank.
 DNI - Did not ignine
 J. Retinnated value
 Not Calculated
 P. Forst Spike Resovery outside litenta

D. Dijored due to noverze or extended target composities
 E. Respli alarce quantitation himb (high standard or R/P hower coupe).
 M. Matrix Spike Reservery outside hours
 ND. Not Detected at the Reporting Linut.

R - RPD outside recovery limits

716-937-9360

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Printed: Wednesday, Jammey ev. 3995 7-50:53 194

| Analyti and anvirunment, were Lancuster, 1 | | nmental Anal | ter Iysis | | | Laborator NYS EL Phone: | | ₽•23 |
|--|------------------------------|---|-----------------|-------------------------|---------|---------------------------------------|---------------------------------------|--------------|
| Client: Natures Way Envi Lab Order: 0501070 | ironmental | Ì | | | , | ample ID: MIDDLE | C 6-D | |
| Project: Wyoming Co. Fire | n "I'meni eni en d'Anned a e | i | | | | Client ID: | | |
| | | | | | Collec | tion Date: 1/4/2005 | % [| Vioist:27.3(|
| Lab ID: 0501070-10A | Sample Type | · · · · | Mu | trix: Şoil | | Test Code: 1_826 | 50B_S | |
| VOLATILE ORGANIC COMPO | UNDS BY METH | OD 8260B | | | Method: | \$W8260B F | rep Method: SW | 5030B |
| | | | | - - | | | | |
| Analyte | Result | <u>Q</u> | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst |
| 4 4 4 T -1-1-1 | | | 5 | 1 | | | · · · · · · · · · · · · · · · · · · · | |
| 1, 1, 1-Trichloroethane 1, 1, 2, 2-Tetrachloroethane | 2.00 | J < TAGM | 6.85 | µg∕Kg-dry | | 1/12/2005 9 19:00 PM | HARK 050112A | RMJ |
| | ND | | 6.85 | µg/Kģ-dry | | [| | |
| 1,1,2-Trichloroethane 1,1-Dichloroethane | ND | | 6.85 | µg/Kg-dry | | | | |
| 1,1-Dichloroethene | ND | | 6.85 | µg/Kg-dry | | | | |
| 1,2-Dichlorobanzene | ND | | 6.85 | µg∕Kg-dry | | | | |
| 1,2-Dichloroethane | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| 1,2-Dichleroethene, Total | ND | | 6,85 | hð\Kð-quà | 1 | | | |
| 1,2-Dichloropropano | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| 1.3-Dichlorobenzone | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| 1,4-Dichlorobenzene | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| 2-Butanone | ND | | 6,85 | µg∕K _i g-dry | 1 | | | |
| 2-Chloroelhyl vinyl ether | ND | | 13.7 | µg/Kุg-dry | 1 | | | |
| 2-Hexanone | ND | | 13.7 | µg/Kg-dry | 1 | | | |
| 4-Methyl-2-pentanone | ND | | 13.7 | µg/Kg-dry | 1 | | | |
| Acetone | ND | | 13.7 | µg/Kg-d≀y | . 1 | | | |
| Benzene | | J < MGM | 13.7 | µg/Kg-dry | 1 | | | |
| Bromodichloromethane | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| Bromotorm | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| Bromomethane | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| Carbon disulfide | ND | | 13,7 | pg/Kg-dry | 1 | | | |
| Carbon tetrachloride | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| Shlorobenzene | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| Chloroethano | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| Chloroform | ND | | 13.7 | µg/Kg-dry | 1 | | | |
| hloromethane | ND | | 6.85 | µ9/Kg-dry | 1 | | | |
| is-1,2-Dichloroethene | ND | | 13.7 | µg/Kg-dry | 1 | | | |
| is-1,3-Dichloropropene | ND | | 6.85 | µg∕Kg-dry | 1 | | | |
| ibromochloromethane | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| thylbonzone | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| t.p-Xylene | ND | | 6.85 | μ g/Kg-d ry | 1 | | | |
| ethylene chloride | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| -Xylene | ND | | 6.85 | µg/Kg-diy | 1 | | | |
| lyrano | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| ofrachloroethone | ND | 1 Dar. m | G.85 | µg/Kg-ary | 1 | | | |
| duene | | <td>6.85</td> <td>µg/Kg-dry</td> <td>1</td> <td></td> <td></td> <td></td> | 6.85 | µg/Kg-dry | 1 | | | |
| ans-1,2-Dichloroothene | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| ans-1,3-Dichloropropene | ND | | 6.85 | µg/Kg-dry | 1 | | | |
| finitions: | ND | | 6.85 | µg/Kg-dry | | <u></u> | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| Receivery outside QC timors F-Diffusion locator | | alyte found in Meth | and blook | | | D. Diluted due to maritize or 6 | steaded target compounds | |
| - Vider Baserids Mitrations Constantinged Level | | Ind not fignite | | | • | | unt (high standard or ICP Jamar | rappe) |
| Single Coloma Analysis | | anaidel Value | | | | M + Matzix Spike Recovery au | side larats. | • |
| * - Periodenni Potreni is not present | | hii Cakalandi 8 Spike Recovery () | | | | ND - Nor Detented at the Rept | | |
| | | 5 11198C DUCOVELV (1 | DATES IN TRADID | | | R - RPD outside recovery limit: | | 153 |

man - In the second state of the second state

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Client:

Project:

Lab Order: 0501070

Lab 1D; 0501070-10A

Laboratory Results

716-937-9360

Analytical Services Center International Specialists in Environmental Analysis 4493 Walden Avenue mend inc. Lancaster, New York 14086

NYS ELAP ID#: 10486

(716) 685-8080 Phone:

Client Sample ID: MIDDLE 6-D

Alt. Client ID:

% Moist:27.30 Collection Date: 1/4/2005

Wyoming Co. Fire Training Center

Natures Way Environmental

Sample Type: SAMP

Matrix: Soil

Method: SW8260B

Test Code: 1_8260B_S Prep Method: SW5030B

| METHOD 8260B | 00441 004400 | 9141 - 2 | Onder | ~**** | VUL |
|--------------|------------------|---------------------|-------|-------|-----|

| Analyte | Result Q | RL | Units | DF | Date Analyzed | Run Batch ID | Analyst | | | | | | | | | |
|---|----------------------------------|--|---|------------------|------------------------|--------------|---------|--|--|--|--|--|--|--|--|--|
| Trichloroethene Trichlorofluoromethana Vinyl acetate Vinyl chloride Xylenes, Total | ND ND ND ND ND ND | 6.85 6.85 13.7 13.7 6.85 | μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry μg/Kg-dry | 1 1 1 2 | | | | | | | | | | | | |
| Surr:1,2-Dichloroethane-d4 Surr:4-Bromofluorobenzene Surr:Dibromofluoromofhane Surr:Toluene-d8 | 91 102 99 108 | 77 - 119 88 - 124 83 - 117 84 - 119 | %REC %REC %REC %REC | 1 t 1 1 | 1/12/2005 9:19:00 PM F | IANK_050112A | ΗМЈ | | | | | | | | | |

Definitions:

· Recovery conside QC family

DI Dilation Factor

H Value Escends Maximum Containinent Level

N Single Colorm Analysis

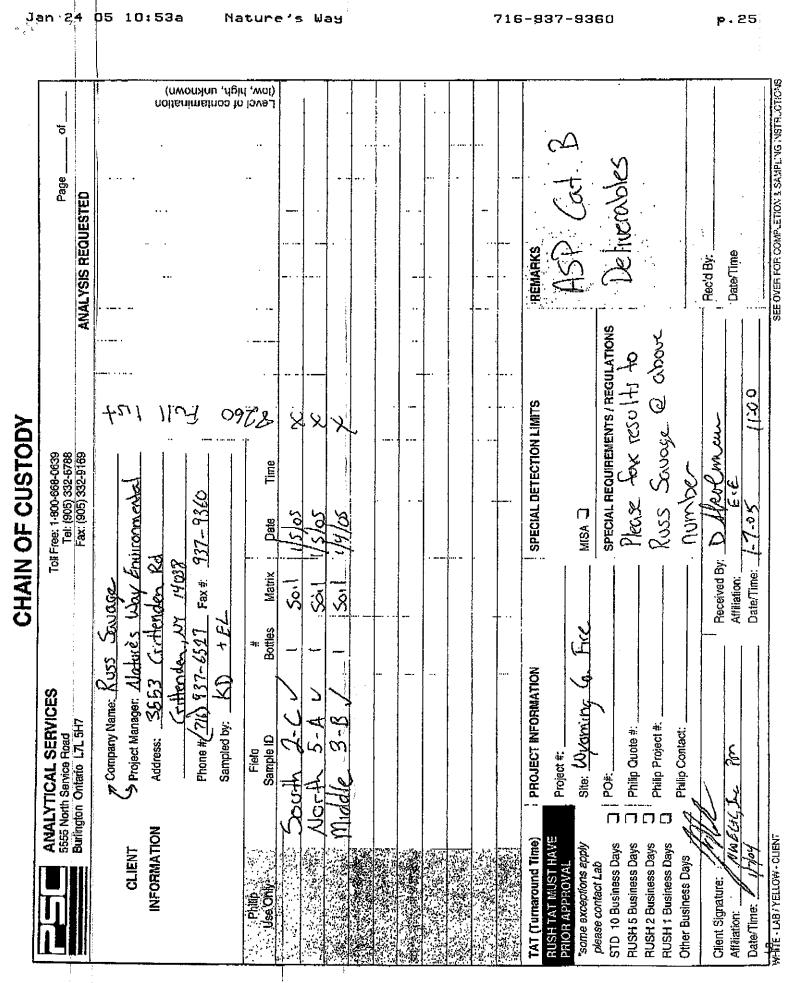
MP Petroleum Patrem is not present

LAMS Version #: 050(12-1130

B - Analyte provel in Method blank DNL Did not Ignite J. Estimated whith NC - Net Cakelated P Post Spice Recovery outside limits

1) Diluted due to apartific or extended target compounds I) - Result above quantitation limit (high standard or ICP linear range). M - Matrix Spike Recovery outside huits ND - Not Detected at the Reporting Long. 154 R RPD outside necessary lines.

Printed: Weilmedes, January 19, 2003 (2003) PM



10:53a

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Nature's Way

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SOIL ANALYTICAL RESULTS

SEPTEMBER 14, 2006

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ENTERNITAL BURNES, US. 176 Lake Avenus Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: <u>NWECAC</u>

| Client Jeb S)te: | WOFTC | Lob Project Number: Lab Sample Number: | |
|---|--|---|--|
| Glient Job Number: Field Locatlon: Field ID Number: Bample Type: | 04-136 S cell,W end,S1,2.5-3.5 N/A Soil | Date Sampled; Date Received: Date Analyzed; | 09/14/2008 09/22/2006 09/22/2008 |

| BromomethaneND< 10.9 | Blocarbons | Results in up / Kg | Aromatica | Results in up / Kg |
|---|--------------------------|--------------------|---------------------|--------------------|
| BromoformND< 10.9EthylbenzeneND< 10.9Carbon TetrachlorideND< 10.9 | romodichloromethane | | Benzene | ND< 10.9 |
| Carbon TetrachtorideND< 10.9TolueneND< 10.9ChloroethaneND< 10.9 | romomethane | ND< 10.9 | Chlorobenzene | ND< 10.9 |
| ChloroetheneND< 70.9m.p-XyleneND< 10.9Chloroethyl vinyl EtherND< 10.9 | moiom . | ND< 10.9 | Ethylbenzene | NO< 10,9 |
| ChloromethaneND< 10.9o-XyleneND< 10.92-Chlorosthyl vinyl EthorND< 10.9 | arbon Tetrachlorldo | ND< 10.9 | ้ไปเรกอ | ND< 10,9 |
| 2-Chloroethyl vinyl EtherND< 10.9StyreneND< 10.9ChloroformND< 10.9 | hioroethene | ND< 10.9 | m.p-Xylene | ND< 10.9 |
| ChloroformND< 10.91,2-DichlorobenzeneND< 10.9DibromochloromethaneND< 10.9 | hloromethane | ND< 10,9 | o-Xylene | ND< 10,9 |
| ChloroformND< 10.91,2-DichlorobenzeneND< 10.9DibromochloromethaneND< 10.9 | -Chloroethyl vinyl Ether | ND< 10.9 | Styrene | ND< 16,9 |
| 1,1-DichloroethaneND< 10.91,4-DichlorobenzeneND< 10.91,2-DichloroethaneND< 10.9 | hloroform | ND< 10.9 | 1,2-Dichlorobenzene | ND< 10,0 |
| 1,2-DichloroethaneND< 10.91,1-DichloroethaneND< 10.9 | bromochloromethene | ND< 10.9 | | ND< 10.9 |
| 1,1-DickloroetheneND< 10.9KetonesResults in up /cis-1,2-Dickloroethene13.5AcetoneND< 54.3 | ,1-Dicivioroethane | ND< 10.9 | 1,4-Dichlorobenzene | ND< 10.9 |
| clis-1,2-Dichloroethene13.5AcetoneND< 54.3trans-1,2-DichloroetheneND< 10.9 | 2-Dichloroethane | ND< 10.9 | | |
| clis-1,2-Dichloroethane13,5AcetoneND< 54,3trans-1,2-DichloroethaneND< 10.9 | 1-Dichloroethene | ND< 10.9 | Ketones | Results in up / Kg |
| trans-1,2-DichloroethaneND< 10.92-ButanoneND< 27.21,2-DichloropropaneND< 10.9 | s-1,2-Dichloroethene | 13.5 | | ND< 54.3 |
| 1.2-DichloropropaneND< 10.92-l-lexanoneND< 27.2cis-1.3-DichloropropaneND< 10.9 | ans-1,2-Dichloroethene | ND< 10.9 | 2-Butanone | ND< 27.2 |
| cis-1.3-Dichloropropene ND< 10.9 4-Methyl-2-pentanone ND< 27.2 Mathylene chloride ND< 27.2 | 2-Dichloropropane | ND< 10.9 | | ND< 27.2 |
| trans-1,3-Dichloropropene ND< 10.9 Mathylene chloride ND< 27.2 | 9-1.3-Dichloropropone | ND< 10.9 | | ND< 27.2 |
| 1,1,2,2-Tetrachloroethane ND< 10.9 | | ND< 10.9 | | |
| 1,1,2,2-Tetrachloroethane ND< 10.9 Carbon disulfide NO< 27.2 Tetrachloroethane 711 Vinyl acetate NO< 27.2 | sthylene chloride | ND< 27.2 | Miscollaneous | Results in vo / Ko |
| 3,1,1-Trichloroethane ND< 10.9 1,1,2-Trichloroethane ND< 10.9 Frichloroethane 35.6 Frichlorofluoromethane ND< 10.9 | 1,2,2-Tetrachloroethane | ND< 10.9 | | NO< 27.2 |
| 1,1,2-Trichloroethane ND< 10.9 Frichloroethane 35.6 Frichlorofluoromethane ND< 10.9 | enedieoclicente | 711 | Vinyl acetate | ND< 27.2 |
| Trichloroethene 35.6 Trichlorofluorometherie ND< 10.9 | 1.1-Trichloroethane | ND< 10.9 | - | |
| Trichloroethene 35.6 Trichlorofluorometherie ND< 10.9 | 1,2-Trichloroethane | ND< 10.9 | | |
| | | 35.6 | | |
| field adda date Attended Attende | ichlurofluoromethane | ND< 10.9 | | |
| Any chonde MUS 10.9 | nyl chloride | ND< 10.5 | · · · | |

ELAP Number 10958

75 10 10 Method: EPA 82608

Oata File: V39441.0

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Commente: ND denotes Non Detect vg / Kg = microgram per Kilogram

Signaturo:

Bruce Hoogesteger Pechnical Director

This repart is used of a multipage documpent and should only by avaluated in its antimity. Chain of Cusicaly provided additional internation, industria compliance with sample condition regulations upon resetter.

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ENVIOLATIONAL ELINICIA. 128. 178 Lake Avenue Rochester, New York 14608 (583) 647 - 2530 FAX (585) 647 - 3311

Volstile Analysis Report for Soils/Solids/Sludges

Client: <u>NWEC&C</u>

| Client Job Site: | WOFTC | Lab Project Number: Lab Semple Number: | 08-2875 9538 |
|---------------------------------------|---|---|-----------------|
| Client Job Number: Field Location: | 04-136 Mid coll,E end,93 .7-6 ' | Date Sampled: | 09/14/2006 |
| Field ID Number; | N/A | Date Received: | 09/22/2006 |
| Sample Type: | Soil | Date Analyzed: | 09/22/2006 |

| Halocarbong | Results in ug / Kg | Aromatica | Results in up |
|----------------------------|--------------------|----------------------|-----------------|
| Bromodichloromethane | ND< 8,11 | Benzene | ND< 8,11 |
| Bromomethane | ND4 9,11 | Chlorobenzene | ND< 8.11 |
| Bromoform | ND< 8.11 | Ethylbenzene | ND< 8.11 |
| Carbon Tetrachloride | ND< 8,11 | Toluene | ND< 9,11 |
| Chioroethane | ND< 8.11 | m,p-Xylena | ND< 8.11 |
| Chioromethane | ND< 0.11 | o-Xylene | ND< 8.11 |
| 2-Chloroethyl vinyl Ether | ND< 8.11 | Styrene | ND< 8.11 |
| Chloroform | ND< 8.11 | 1,2-Dichlorobenzene | ND< 8.11 |
| Dibromochloromethene | ND< 8.11 | 1.3-Dichlorobanzene | ND< 8.11 |
| 1,1-Dichloroethane | ND< 0.11 | 1.4-Dichlorobenzene | ND= 8.11 |
| 1,2-Dichloroethene | ND< 8,11 | | |
| 1,1-Dickloroethene | ND< 8,11 | Ketones | Results in ug / |
| cis-1,2-Dichloroethene | ND< 8,11 | Acetone | ND< 40.6 |
| bans-1,2-Dichloroethene | ND< 8.11 | 2-Butanone | ND< 20.3 |
| 1.2-Dichloropropane | ND< 8.11 | 2-Hexanone | ND< 20.3 |
| cis-1,3-Dichloropropene | ND< 8.11 | 4-Methyl-2-pentanone | ND< 20.3 |
| trans-1,3-Olchloropropene | ND< 8.11 | | |
| Methylene chloride | ND< 20.3 | Miscollanaous | Results in ug / |
| 1,1,2,2-Tetrachloroethane | NO< 8.11 | Carbon disulfide | ND< 20.3 |
| Tetrachlo roo thene | 32.6 | Vinyi acetate | ND< 20.3 |
| 1,1,1-Trichloroelhane | ND< 8,11 | | |
| 1,1,2-Yrichloroethane | ND< 8.11 | | |
| Trichloroethene | ND< 8.11 | | |
| Trichlorofluoromethane | ND< 8.11 | | |
| Vinyl chloride | ND< 8.11 | | |
| ELAP Number 10958 | Method: | EPA 82608 | Data File: V3 |

rlap number 10958

Signature;

Method; EPA 82608

Data File: V39446.D

Comments: ND denotes Non Detect ug / Kg = microgram per Kilogram

Bruce Hoogesteger: Feannical Director

This report is part of a multipage document and should only be avaluated in its antisety. Chain of Custody provides additional information, including completance with semple condition requirements upon reports.

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ENTERDUCINE MAVEET. ISE 179 Lake Avenue Rochester, New York 14808 (585) 847 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Solls/Sollds/Sludges

Cliont: NWECAC

| Client Job Site: | WCFTC | Lab Project Number: | |
|--------------------|----------------------|---------------------|------------|
| Client Job Number; | 04-138 | Lab Sample Number: | 9539 |
| Field Location: | N cell,W and,S4,5-6' | Date Sampled: | 09/14/2006 |
| Field ID Number: | N/A | Data Received: | 09/22/2006 |
| Sample Type: | Soll | Date Analyzed: | 09/22/2006 |

| Halocarbons | Results in up / Kg | Aromatics | Results in ug / Kg |
|-----------------------------|--------------------|----------------------|-----------------------|
| Bromodichloromethene | ND< 10.5 | Benzene | ND< 10.5 |
| Bromo metha ne | ND< 10,5 | Chlorobenzene | ND< 10.5 |
| Bromolorm | ND< 10.5 | Ethylbenzene | ND< 10.5 |
| Carbon Tetrachloride | ND< 10.5 | Toluana | ND< 10.5 |
| Chlaroethene | ND< 10.5 | m.p-Xylene | ND< 10.5 |
| Chloromethane | NO< 10.5 | a-Xylene | ND< 10.5 |
| 2-Chloroethyl vinyl Ether | ND< 10.5 | Styreno | ND< 10.5 |
| Chioroform | ND< 10,5 | 1,2-Dichlorobenzene | ND< 10.5 |
| Dibromochloromethane | ND< 10.5 | 1,3-Dichlorobenzene | ND< 10.5 |
| 1,1-Dichloroethans | ND< 10,5 | 1.4-Dichlorobenzene | ND< 10.5 |
| 1,2-Dichloroethane | ND< 10,5 | | |
| 1,1-Dichloroelhene | ND< 10.5 | Ketones | Results in ug / Kg |
| cis-1.2-Dichloroethene | ND< 10.5 | Acelone | ND< 52.7 |
| trans-1,2-Dichloroethene | ND< 10.5 | 2-Butanona | ND< 28.3 |
| 1,2-Dichloropropane | ND< 10.5 | 2-Hexanone | ND< 28.3 |
| cis-1,3-Dichloropropens | ND< 10.5 | 4-Methyl=2-pentanone | NO< 26.3 |
| trans-1,3-Dichloropropone | ND< 10.5 | | |
| Methylene chloride | ND< 28.3 | Miscellancous | Results in ug / Kg |
| 1,1,2,2-Tetrachloroethane | ND< 10.5 | Carbon disulfide | ND< 26.3 |
| Tetrachloroethene | 14,2 | Vinyl acetate | ND< 26.3 |
| 1,1,1-Trichloroethene | ND< 10.5 | - | |
| 1,1,2-Trichloroethane | ND< 10.5 | | |
| Trichloroethans | ND< 10.5 | | |
| Frichlorofluoromethans | ND< 10.5 | | |
| /inyl chloride | ND< 10.5 | | |
| ELAP Number 10958 | Method: | EPA 8280P | Deta Ella: \/30445 11 |

ELAP Number 10958

Method: EPA 82669

Data File: V38445.D

Comments: NO denotes Non Detect vg / Kg ≂ microgram per Kilogram

Signature:

Bruce Hoogestager: Technical Director

This report is part of a multipage decument and should daily be evaluated in the endroy. Chain of Cuolody provides additional information, including campulance with sample consisten requirements upon receipt. 08267843,20,5

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| | and a second | end the | 116537 3360 | | | 2 ≪ ← E = × | | 5) 9512 C | S 7-81 S | 24,520' 5 | | | | | | ALLE A | A CONTRACT | A PUNC | Classific and a second of the Bu | |
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| PARADIGN | | Lo 179 Lake Avenue Co Richester, NY 14603 Co (503) 547-2530 • (800) 724-1997 Lo FAX: (565) 647-3311 | | S. | -T | ų Š | E6-28 | 2 5 4 4 | 3 91115 | 2000 10 10 10 10 10 10 10 10 10 10 10 10 |) (g) | 1 | TACK TRACE | F/1100/05-141 | - b err | | 0 90 , | -9Z-6 | Corrusals: | |