Watershed Environmental Services, Inc.

P.O. Box 64947 Burlington, Vermont 05406 Office: 802-860-7385 FAX: 802-860-1964 *51

June 2, 2000

JUN 6 10 29 AM '00

Mr. Bruce Linton
Sites Management Section
Hazardous Materials Management Division
Department of Environmental Conservation
Vermont Agency of Natural Resources
103 South Main Street, West Building
Waterbury, Vermont 05676-0404

2651

Re: Stratton Mountain Resort, Sun Bowl Soil Treatment Site (SMS ~~#2144~~)
Request to Utilize Treated Soil for On-site Fill

Dear Bruce:

I am pleased to present for your consideration the results of the monitoring and sampling recently conducted on the soil piles at the Stratton/Sun Bowl Soil Treatment Site. The purpose of this work was to determine if the treatment regime had sufficiently reduced contaminant levels in the stockpiled soils so that they could be used as fill on-site.

Pursuant to our meeting on April 11, 2000 and subsequent telephone conversation, the evaluation of the stockpiled soils was performed in two phases: The first stage (Phase I) involved recording of photoionization detector (PID) readings at the various sampling ports on the soil pile SVE (Soil Vapor Extraction) system. PID screening of surface soils was also completed at seventeen locations throughout the soil stockpile area. Providing that the Phase I evaluation yielded satisfactory results, the work plan developed for the second phase (Phase II) of the soil pile evaluation entailed the collection of soil samples for laboratory analysis. An excavator was to be used to recover soil samples from the interior of the soil piles, particularly near the bottom.

Phase I of the stockpiled soil evaluation was performed on May 3, 2000. The results of the PID screening performed on the SVE system (in the treatment shed) and the soil pile screening are provided below in Table 1:

TABLE 1 PID Screening Results (ppm) Background PID: 0.8 ppm					
SVE Treatment Shed					
Station	PID Readings				
Vertical Line Influent	0.8				
Horizontal Line Influent	0.8				
Total Influent	0.8				
Total Effluent	0.8				
Soil Stockpiles					
Station	PID Reading #1	PID Reading #2	PID Reading #3	PID Reading #4	PID Reading #5
Pile 1: Maintenance Center	0.8	0.8	0.8	0.9	
Pile 2: Golf Maint., Swale, "96" pile	0.8	0.8	0.8		
Pile 3: "95" pile	0.8	0.9	0.8		
Pile 4: Golf Maint. Dry Well	0.8	0.8			
Pile 5: Sun Bowl Compressor Pad	0.8	0.8	0.9	0.8	0.8

The soils being treated at the Sun Bowl Soil Treatment Site consist of five separate stockpiles. Each stockpile contains soils generated from a different location(s) at Stratton Mountain Resort. The location, identification, and generator for each soil stockpile is depicted on the attached Soil Sampling Location Map (see Appendix 1, page 1).

As shown in Table 1, the Phase I evaluation determined that no measurable concentrations of volatile organic compounds were present in the SVE air stream nor in the surface soils sampled at the five soil stockpiles. In light of the satisfactory results of the Phase I evaluation, we determined that it was appropriate to proceed with the Phase II evaluation.

Pursuant to our telephone conversation on May 4, 2000, the sampling program implemented for the Phase II evaluation entailed the collection of one composite soil sample per 50 cubic yards of stockpiled soil. Measurements of the soil stockpiles made on May 9, 2000 indicate that there is approximately 1300 cubic yards of soil stockpiled at the site. According to the sampling schedule, 26 soil samples were required to characterize 1300 yards of material. As we determined it best to err on the side of caution, a total of 30 soil samples were ultimately collected for laboratory analysis. Prior to the sampling, we reviewed the consultant's reports for each of the generator sites to determine an appropriate analytical protocol. The site histories indicate that light petroleum products (no. 2 fuel oil/diesel/gasoline) are the principal contaminants in all the stockpiled soil at the Sun Bowl site. However, groundwater monitoring performed at the Stratton Maintenance Center site determined that low levels of Tetrachloroethylene (PCE) and Trichloroethylene (TCE) were present in groundwater at the generator site. Therefore, the soil samples collected from the Maintenance Center stockpile (Pile 1) were analyzed for both petroleum hydrocarbons and chlorinated compounds via EPA Method SW 8260. The other four soil stockpiles were tested for EPA Method SW 8021B parameters (although the actual analysis was via EPA Method 8260).

The Phase II evaluation was implemented on May 9, 2000. A trackhoe excavator was utilized to recover soils from deep within the soil piles. Depending on the size of the soil pile, the trackhoe excavated between 1 and 5 test pits in each pile. Two composite soil samples were collected from each test pit: the first sample was a composite of soils recovered from 1-2 feet into the soil pile (shallow soil composite) while the second sample was a composite of soils recovered from 5-6 feet into the soil pile (deep soil composite). The second sample was intended to characterize soil conditions at the bottom of the soil piles (pieces of black plastic underlayment brought up to the surface by the excavator confirmed that we had reached the bottom of the stockpile). The multi-level sampling was intended to permit removal of the upper portions of the stockpile (were the laboratory testing was most likely to determine that treatment was complete), while separately characterizing the bottom portions of the stockpiles (where the potential for residual contamination is greater) in the event that further treatment might be deemed necessary.

The results of the laboratory testing are summarized in the attached Table 2 (see Appendix 1, pages 2-4). The results of the PID screening performed concurrently with the test pit excavation and soil sampling are also provided in Table 2. Copies of the laboratory reports (prepared by Endyne, Inc. of Williston, VT) are provided in Appendix 2.

Pile 1 - Maintenance Center

We estimate that Pile 1 contains approximately 350 cubic yards of soil. A total of eight composite soil samples (four shallow and four deep samples) were collected from four

test pits excavated in Pile 1. The test pit locations are depicted on the attached Soil Sampling Location Map (see Appendix 1, page 1). In consideration of the presence of chlorinated compounds in groundwater at the Maintenance Center (the generating site for soil stockpiled in Pile 1), the composite soil samples were analyzed in the laboratory via EPA Method 8260. The laboratory testing determined that there are no detectable concentrations volatile petroleum hydrocarbons nor were any PCE or TCE contaminants detected (see Table 2, Appendix 1, page 2). Only one of the eight soil samples (sample S-6) yielded any measurable PID soil vapor readings. Sample S-6 yielded PID vapor readings that fluctuated between 0 and 2 ppm. Sample S-6 was recovered from the bottom of the stockpile and was wet. Given the absence of contamination in the laboratory assay, the fluctuating PID readings are likely induced by moisture. No odors discerned nor was any anomalous discoloration observed in the soils exposed during the test pit excavation.

Pile 2 - Golf Maintenance, Swale, and "96" Pile

Pile 2 is estimated to contain approximately 275 cubic yards of soil. A total of six composite soil samples (three shallow and three deep samples) were collected from three test pit excavations. The composite samples were analyzed in the laboratory for EPA Method 8021B parameters via EPA Method SW 8260.

The results of the laboratory testing (see Table 2, Appendix 1, page 2) indicate that there are no detectable concentrations of volatile petroleum hydrocarbons in the upper portions of the soil stockpile (shallow soil composites). Additionally, no elevated PID vapor readings were detected in the shallow soils. Two of the three deep soil composites did yield low levels of volatile petroleum hydrocarbons. Deep composite sample S-14 contained Toluene (at 22.7 micrograms per kilogram or ug/kg) and deep sample S-15 yielded low levels of 1,3,5 Trimethyl Benzene and 1,2,4 Trimethyl Benzene (at 23.2 ug/kg and 30.1 ug/kg, respectively). The deep soils yielded PID soil vapor readings ranging from 0.2 to 1.5 ppm (however, the deep soils also contained moisture which likely affected the performance of the PID). No odors discerned nor was any anomalous discoloration observed in any of the soils exposed during the test pit excavation.

Pile 3 - "95" Pile

Pile 3 is estimated to contain approximately 100 cubic yards of soil. A total of four composite soil samples (two shallow and two deep samples) were collected from two test pit excavations. The composite samples were analyzed in the laboratory for EPA Method 8021B parameters via EPA Method SW 8260.

The results of the laboratory testing (see Table 2, Appendix 1, page 3) indicate that there are no detectable concentrations of volatile petroleum hydrocarbons in the deeper portions of the soil stockpile (deep soil composites). Additionally, no elevated PID vapor readings were detected in the deep soils. One of the two shallow soil composites did yield low levels of volatile petroleum hydrocarbons. Shallow composite sample S-27 contained low levels of Xylene (43.8 ug/kg) and 1,2,4 Trimethyl Benzene (at 11.5 ug/kg). The shallow soils yielded no PID soil vapor readings. No odors discerned nor was any anomalous discoloration observed in any of the soils exposed during the test pit excavation.

Pile 4 - Golf Maintenance Dry Well

Pile 4 is estimated to contain approximately 75 cubic yards of soil. A total of two composite soil samples (one shallow and one deep samples) were collected from a single test pit excavated into the center of the stockpile. The composite samples were analyzed in the laboratory for EPA Method 8021B parameters via EPA Method SW 8260.

The results of the laboratory testing (see Table 2, Appendix 1, page 3) indicate that there are no detectable concentrations of volatile petroleum hydrocarbons in either the upper or lower portions of the soil stockpile. No elevated PID vapor readings were detected in the shallow soils while a PID reading of 0.5 ppm over background was detected in the deep soil sample. No odors discerned nor was any anomalous discoloration observed in any of the soils exposed during the test pit excavation.

Pile 5 - Sun Bowl Compressor Pad

Soil Pile 5 is the largest of the five stockpiles and is estimated to contain approximately 500 cubic yards of soil. A total of ten composite soil samples (five shallow and five deep samples) were collected from five test pits excavated at the corners and in the middle of the stockpile (see Soil Sampling Location Map, Appendix 1, page 1). The composite samples were analyzed in the laboratory for EPA Method 8021B parameters via EPA Method SW 8260.

The results of the laboratory testing (see Table 2, Appendix 1, page 4) indicate that two of the five shallow soil samples contained no detectable concentrations of volatile petroleum hydrocarbons while low levels of Toluene (ranging from 11.5 ug/kg to 84.2 ug/kg in samples S-19, S-21 and S-25)) and Xylene (28.2 ug/kg in sample S-19 only) were detected in the other three shallow soil samples. No elevated PID readings were detected in any of the shallow soil samples.

Four of the five deep soil composites also yielded low levels of volatile petroleum hydrocarbons, principally Toluene, Ethylbenzene, Xylene, 1,2,5 and 1,2,4 Trimethyl Benzene. No contamination was present in the fifth sample. Deep composite sample S-22 yielded the highest concentrations of Toluene (at 1740 ug/kg) with samples S-18, S-20 and S-26 containing Toluene concentrations ranging from 11.5 to 132 ug/kg. Ethylbenzene, Xylene and Naphthalene (at 20.2 ug/kg, 54.6 ug/kg and 89.5 ug/kg, respectively) were only detected in deep soil sample S-20. Deep samples S-18, S-20 and S-26 yielded low levels of 1,2,5 Trimethyl Benzene (ranging from 27.1 to 50.8 ug/kg) and samples S-18, S-20, S-22 and S-26 yielded concentrations of 1,2,4 Trimethyl Benzene ranging from 28.2 to 45.3 ug/kg. The deep soils yielded PID soil vapor readings ranging from 0 to 1.5 ppm (however, the deep soils also contained moisture which likely affected the performance of the PID). No odors discerned nor was any anomalous discoloration observed in any of the soils exposed during the test pit excavation.

Based on the results of the laboratory analysis, PID screening and observations made in the field, we conclude that all the soils in Pile 1 and 4 have been completely remediated and submit that these stockpiles can be dismantled and the soils used for on-site fill. While low levels of volatile petroleum hydrocarbons were detected in some of the composite soil samples collected

from Pile 2 (two of six samples contained contamination), Pile 3 (one of four samples yielded contamination) and Pile 5 (seven of ten samples yielded some contamination), the level of contamination is unlikely to pose a significant risk to human health or the environment if these soils are also used for on-site fill. We base this assessment on the following considerations:

1. The concentrations of the residual contaminants detected in soil piles 2, 3, and 5 (namely Ethylbenzene, Toluene, Xylene, 1,3,5 Trimethyl Benzene, 1,2,4 Trimethyl Benzene, and Naphthalene) do not exceed 20 times the drinking water standard or MCL for these contaminants (see Table 3 below);

2. Application of the EPA's Soil Screening Guidance Model (Table 3 below and Appendix 1) determined that the concentrations of the residual contaminants do not exceed the Soil Screening Levels (SSLs) for transfer of the named contaminants (excluding 1,2,5 and 1,2,4 Trimethyl Benzene which the model does not evaluate) from soil to groundwater (the most restrictive criteria in the model); and

3. The stockpile soil shall be used exclusively as fill at the large gravel parking lot (Lot 5) located on the Stratton Mountain Access Road opposite the Stratton Air Station snowmaking compressor station site. Lot 5 is an ideal site for the soils presently at the Sun Bowl Soil Treatment site due to its separation from bedrock and the water table, limited use (it is almost primarily during the winter season), shallow gradient (almost flat) and large separation distances from the water supply wells and surface waters.

TABLE 3

Parameter	MCL* (ug/l)	20 X MCL (ug/L)	SSL** (ug/Kg)	Highest detected concentration (ug/kg)
Ethylbenzene	700	14000	13000	20.2
Toluene	1000	20000	12000	1740
Xylene	10000	200000	1400000	54.6
1,3,5 Trimethyl Benzene	4	80	NA	50.8
1,2,4 Trimethyl Benzene	5	100	NA	45.3
Naphthalene	20	400	61000	89.5

MCL* : State of Vermont, Chapter 12 Groundwater Protection Rule and Strategy, 11/15/97
SSL**: EPA Soil Screening Guidance Model (URL: http://risk.lsd.ornl.gov/epa/ssl1.htm) 5/12/99

Stratton Mountain Resort shall retain the services of an environmental professional to monitor and screen soils during the dismantling of the soil stockpiles. In the event that any significant contamination is detected, the affected shall be segregated and re-staged on plastic sheeting for additional treatment.

Please contact me at your earliest convenience if you have any questions or comments. Thank you for your consideration.

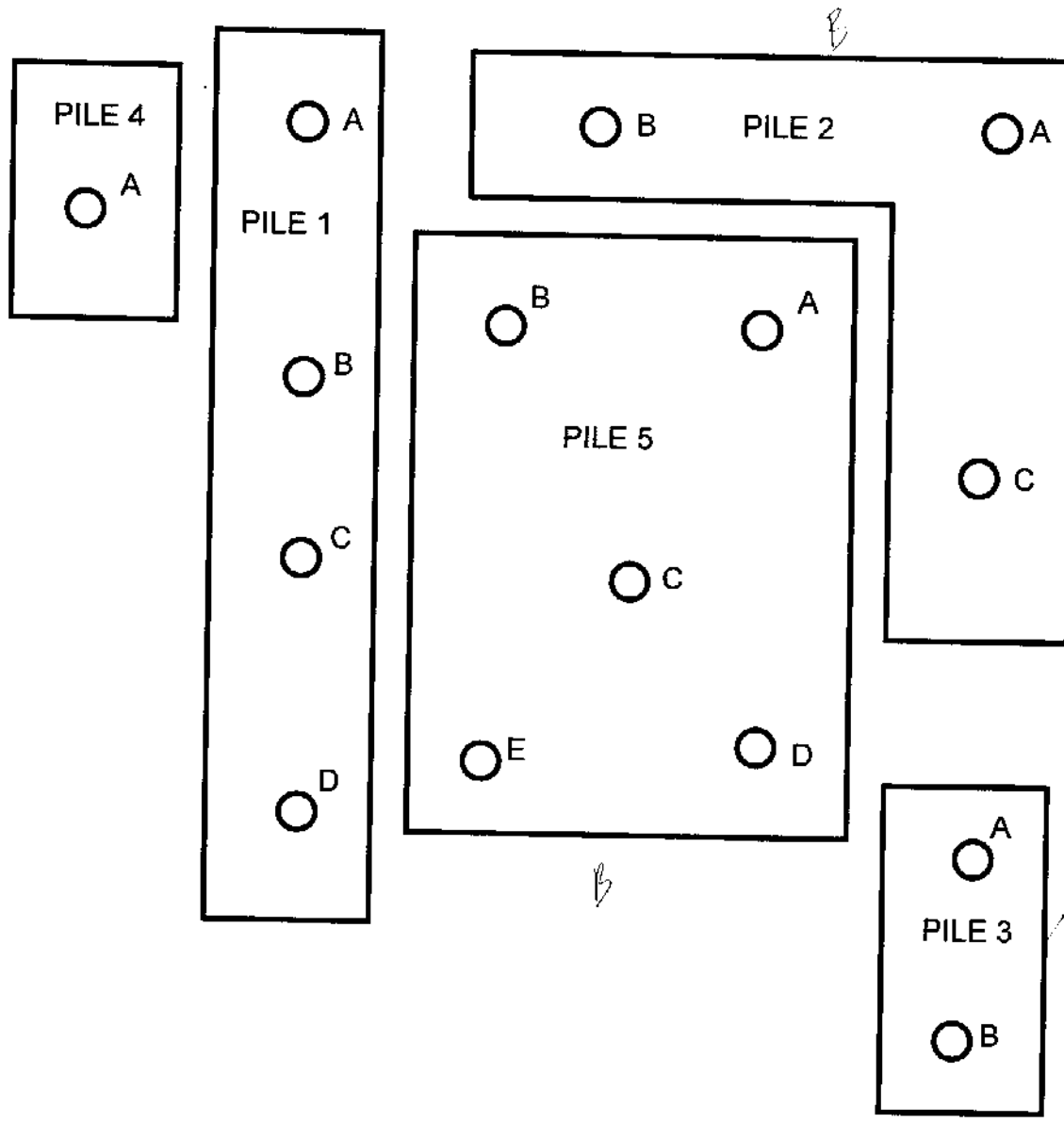
Sincerely,

Michael K. Sparks
Principal Hydrogeologist

cc: Bill Nupp, Stratton Mountain Resort

mks/6-24-00/winword/sunbowlr.rp1

SOIL SAMPLING LOCATION MAP
SUN BOWL SOIL TREATMENT SITE
STRATTON MOUNTAIN, VERMONT



A Test Pit/Soil Sampling Location

PILE 1: Maintenance Center
PILE 2: Golf Maint., Swale, "96" Pile
PILE 3: "95" Pile
PILE 4: Golf Maintenance Dry Well
PILE 5: Sun Bowl Compressor Pad

Prepared: **May 30, 2000**

WATERSHED ENVIRONMENTAL SERVICES, INC.
P.O. Box 64947
Burlington, Vermont 05406

TABLE 2

SOIL SCREENING RESULTS
SUN BOWL SOIL TREATMENT SITE
STRATTON MOUNTAIN RESORT

PILE 1 (MAINTENANCE CENTER)

	SHALLOW SOIL COMPOSITE (1-2')				DEEP SOIL COMPOSITE (5-6')			
PARAMETER	S-3	S-5	S-7	S-9	S-4	S-6	S-8	S-10
MTBE (ug/kg)	<20	<20	<20	<20	<20	<20	<20	<20
Benzene (kg/mg)	<10	<10	<10	<10	<10	<10	<10	<10
Toluene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
Xylenes, Total (ug/kg)	<20	<20	<20	<20	<20	<20	<20	<20
1,2,5 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene (ug/kg)	<50	<50	<50	<50	<50	<50	<50	<50
Tetrachloroethene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
Trichloroethene (ug/kg)	<10	<10	<10	<10	<10	<10	<10	<10
PID (ppm)	0	0	0	0	0	0-2	0	0

PILE 2 (GOLF MAINT., SWALE, "96" PILE)

	SHALLOW SOIL COMPOSITE (1-2')			DEEP SOIL COMPOSITE (5-6')		
PARAMETER	S-11	S-13	S-15	S-12	S-14	S-16
MTBE (ug/kg)	<20	<20	<20	<20	<20	<20
Benzene (kg/mg)	<10	<10	<10	<10	<10	<10
Toluene (ug/kg)	<10	<10	<10	<10	**22.7**	<10
Ethylbenzene (ug/kg)	<10	<10	<10	<10	<10	<10
Xylenes, Total (ug/kg)	<20	<20	<20	<20	<20	<20
1,2,5 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	**23.2**
1,2,4 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	**30.1**
Naphthalene (ug/kg)	<50	<50	<50	<50	<50	<50
PID (ppm)	0	0	0	0.5	1.5	0.2

Laboratory analysis via EPA Method SW 8260
PID: H-Nu Systems PI-101 w/ 10.2eV lamp

TABLE 2

SOIL SCREENING RESULTS
SUN BOWL SOIL TREATMENT SITE
STRATTON MOUNTAIN RESORT

PILE 3 ("95" PILE)

PARAMETER	SHALLOW SOIL COMPOSITE (1-2')		DEEP SOIL COMPOSITE (5-6')	
	S-27	S-29	S-28	S-30
MTBE (ug/kg)	<20	<20	<20	<20
Benzene (kg/mg)	<10	<10	<10	<10
Toluene (ug/kg)	<10	<10	<10	<10
Ethylbenzene (ug/kg)	<10	<10	<10	<10
Xylenes, Total (ug/kg)	**43.8**	<20	<20	<20
1,2,5 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10
1,2,4 Trimethyl Benzene (ug/kg)	**11.5**	<10	<10	<10
Naphthalene (ug/kg)	<50	<50	<50	<50
PID (ppm)	0	0	0	0

PILE 4 (GOLF MAINT. DRY WELL)

PARAMETER	SHALLOW SOIL COMPOSITE (1-2')	DEEP SOIL COMPOSITE (5-6')
	S-1	S-2
MTBE (ug/kg)	<20	<20
Benzene (kg/mg)	<10	<10
Toluene (ug/kg)	<10	<10
Ethylbenzene (ug/kg)	<10	<10
Xylenes, Total (ug/kg)	<20	<20
1,2,5 Trimethyl Benzene (ug/kg)	<10	<10
1,2,4 Trimethyl Benzene (ug/kg)	<10	<10
Naphthalene (ug/kg)	<50	<50
PID (ppm)	0	0.5

Laboratory analysis via EPA Method SW 8260
PID: H-Nu Systems PI-101 w/ 10.2eV lamp

TABLE 2

SOIL SCREENING RESULTS
SUN BOWL SOIL TREATMENT SITE
STRATTON MOUNTAIN RESORT

PILE 5 (SUN BOWL COMPRESSOR PAD)

	SHALLOW SOIL COMPOSITE (1-2')					DEEP SOIL COMPOSITE (5-6')				
PARAMETER	S-17	S-19	S-21	S-23	S-25	S-18	S-20	S-22	S-24	S-26
MTBE (ug/kg)	<20	<20	<20	<20	<20	<20	<20	<50	<20	<20
Benzene (kg/mg)	<10	<10	<10	<10	<10	<10	<10	<25	<10	<10
Toluene (ug/kg)	<10	**11.5**	**39.5**	<10	**84.2**	**12.6**	**132**	**1740**	<10	**11.5**
Ethylbenzene (ug/kg)	<10	<10	<10	<10	<10	<10	**20.2**	<25	<10	<10
Xylenes, Total (ug/kg)	<20	**28.2**	<20	<20	<20	<20	**54.6**	<50	<20	<20
1,2,5 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	**27.1**	**50.8**	<25	<10	**40**
1,2,4 Trimethyl Benzene (ug/kg)	<10	<10	<10	<10	<10	**45.3**	**125**	**28.2**	<10	**40.1**
Naphthalene (ug/kg)	<50	<50	<50	<50	<50	<50	**89.5**	<125	<50	<50
PID (ppm)	0	0	0	0	0	0.5	0	1	0	1.5

0.0034 - [illegible]

Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value	
Dilution factor (unitless)	20	"
Fraction organic carbon in soil (unitless)	0.002	DEFAULT VALUE
Water-filled soil porosity (L_{water}/L_{soil})	0.3	"
Dry soil bulk density (kg/L)	1.5	"
Soil particle density (kg/L)	2.65	"

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Benzene	71432	1.0E-01	MCL	3.4E-02

*Ground Water Concentration=Ground Water Concentration Source
Dilution Factor

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beasley.lynn@epa.gov

Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	20
Fraction organic carbon in soil (unitless)	0.002
Water-filled soil porosity (L_{water}/L_{soil})	0.3
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Ethylbenzene	100414	1.4E+01	MCLG	1.3E+01

*Ground Water Concentration=Ground Water Concentration Source
Dilution Factor

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Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	20
Fraction organic carbon in soil (unitless)	0.002
Water-filled soil porosity (L_{water}/L_{soil})	0.3
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Toluene	108883	2.0E+01	MCLG	1.2E+01

*Ground Water Concentration=Ground Water Concentration Source Dilution Factor

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Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	20
Fraction organic carbon in soil (unitless)	0.002
Water-filled soil porosity (L_{water}/L_{soil})	0.3
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Xylene, Mixture	1330207	1.5E+03	HBL	1.4E+03

*Ground Water Concentration=Ground Water Concentration Source
Dilution Factor

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Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	20
Fraction organic carbon in soil (unitless)	0.002
Water-filled soil porosity (L_{water}/L_{soil})	0.3
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Naphthalene	91203	1.5E+01	HBL	6.1E+01

*Ground Water Concentration=Ground Water Concentration Source
Dilution Factor

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ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

Watershed Env. Srvs., Inc.
PO Box 64947
Burlington, VT 05406
Attn: Mike Sparks

PROJECT: Stratton Mtn/Sun Bowl
ORDER ID: 7281
RECEIVE DATE: May 10, 2000
REPORT DATE: May 23, 2000

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
REPORT DATE: May 23, 2000

ORDER ID: 7281
DATE RECEIVED: May 10, 2000
SAMPLER: MS

Site: P-2a/S-11
Ref. Number: 154697
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:06 PM
Analysis Date: 5/18/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	86.
Surrogate 1	98.%

Site: P-2b/S-13
Ref. Number: 154699
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:15 PM
Analysis Date: 5/18/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	88.
Surrogate 1	96.%

Site: P-2c/S-15
Ref. Number: 154701
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:25 PM
Analysis Date: 5/18/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	80.
Surrogate 1	98.%

Site: P-2a/S-12
Ref. Number: 154698
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:10 PM
Analysis Date: 5/18/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	78.
Surrogate 1	97.%

Site: P-2b/S-14
Ref. Number: 154700
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:20 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	22.7
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	85.
Surrogate 1	101.%

Site: P-2c/S-16
Ref. Number: 154702
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:30 PM
Analysis Date: 5/18/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	23.2
1,2,4 Trimethyl Benzene	30.1
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	79.
Surrogate 1	97.%

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
REPORT DATE: May 23, 2000

ORDER ID: 7281
DATE RECEIVED: May 10, 2000
SAMPLER: MS

Site: P-3a/S-27
Ref. Number: 154703
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:50 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	43.8
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	11.5
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	89.
Surrogate 1	99.%

Site: P-3b/S-29
Ref. Number: 154705
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 2:00 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	93.
Surrogate 1	96.%

Site: P-5a/S-17
Ref. Number: 154707
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:40 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	77.
Surrogate 1	96.%

Site: P-3a/S-28
Ref. Number: 154704
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:55 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	90.
Surrogate 1	97.%

Site: P-3b/S-30
Ref. Number: 154706
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 2:05 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	90.
Surrogate 1	94.%

Site: P-5a/S-18
Ref. Number: 154708
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 12:45 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	12.6
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	27.1
1,2,4 Trimethyl Benzene	45.3
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	82.
Surrogate 1	99.%

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
REPORT DATE: May 23, 2000

ORDER ID: 7281
DATE RECEIVED: May 10, 2000
SAMPLER: MS

Site: P-5b/S-19
Ref. Number: 154709
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:10 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	11.5
Ethylbenzene	< 10.0
Xylenes, Total	28.2
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	82.
Surrogate 1	96.%

Site: P-5c/S-21
Ref. Number: 154711
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:18 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	39.5
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	83.
Surrogate 1	96.%

Site: P-5d/S-23
Ref. Number: 154713
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:25 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	84.
Surrogate 1	99.%

Site: P-5b/S-20
Ref. Number: 154710
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:15 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	132.
Ethylbenzene	20.2
Xylenes, Total	54.6
1,3,5 Trimethyl Benzene	50.8
1,2,4 Trimethyl Benzene	125.
Naphthalene	89.5
UIP's	> 10.
Percent Solid	79.
Surrogate 1	98.%

Site: P-5c/S-22
Ref. Number: 154712
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:20 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 50.0
Benzene	< 25.0
Toluene	1,740.
Ethylbenzene	< 25.0
Xylenes, Total	< 50.0
1,3,5 Trimethyl Benzene	< 25.0
1,2,4 Trimethyl Benzene	28.2
Naphthalene	< 125.
UIP's	> 10.
Percent Solid	78.
Surrogate 1	98.%

Site: P-5d/S-24
Ref. Number: 154714
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:30 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	82.
Surrogate 1	96.%

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
REPORT DATE: May 23, 2000

ORDER ID: 7281
DATE RECEIVED: May 10, 2000
SAMPLER: MS

Site: P-5c/S-25
Ref. Number: 154715
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:31 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	84.2
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	81.
Surrogate 1	96.%

Site: P-4a/S-1
Ref. Number: 154717
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 11:00 AM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	86.
Surrogate 1	96.%

Site: P-5c/S-26
Ref. Number: 154716
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 1:35 PM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	11.5
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	40.0
1,2,4 Trimethyl Benzene	40.1
Naphthalene	< 50.0
UIP's	> 10.
Percent Solid	85.
Surrogate 1	99.%

Site: P-4a/S-2
Ref. Number: 154718
Anal. Method: SW 8260
Date Sampled: 5/9/00
Time Sampled: 11:05 AM
Analysis Date: 5/19/00
Analyst: 725

Parameter	Results ug/kg, dry
MTBE	< 20.0
Benzene	< 10.0
Toluene	< 10.0
Ethylbenzene	< 10.0
Xylenes, Total	< 20.0
1,3,5 Trimethyl Benzene	< 10.0
1,2,4 Trimethyl Benzene	< 10.0
Naphthalene	< 50.0
UIP's	0.
Percent Solid	88.
Surrogate 1	98.%

38294

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn/Sun Bowl Soil

Reporting Address: Watershed Environmental Services, Inc P.O. Box 64947 Burlington, VT 05406

Billing Address: Watershed

Endyne Order ID: (Lab Use Only) 7281 -O -I -S

Company: Watershed

Contact Name/Phone #: Mike Sparks 860-1964

Sampler Name: Mike Sparks

Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154697	P-2a / S-11 1'	Soil		X	12:06	1	4 oz glass		8021B	No	No
154698	P-2a / S-12 5'				12:10				8021B		
154699	P-2b / S-13 1'				12:15				8021B		
154700	P-2b / S-14 5'				12:20				8021B		
154701	P-2c / S-15 1'				12:25	1	40ml VOA		8021B		
154702	P-2c / S-16 5'				12:30				8021B		
154703	P-3a / S-27 1'				1:50				8021B		
154704	P-3a / S-28 5'				1:55				8021B		
154705	P-3b / S-29 1'				2:00				8021B		
154706	P-3b / S-30 5'				2:05				8021B		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
[signature]	5-10-00	[signature]	5/10/00 5:30pm		

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	

31 Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn

32 TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides) 33

34 Other

(White, Yellow, Pink Copy - Laboratory / Goldenrod Copy - Client)

38322

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn / Sun Bowl Soil	Reporting Address: Watershed Environmental Services Inc P.O. Box 64947 Burlington, VT 05406	Billing Address: Watershed
Endyne Order ID: (Lab Use Only) 7281 — 2-O, -I, -S	Company: Watershed Contact Name/Phone #: Mike Sparks 860-1964	Sampler Name: Mike Sparks Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154707	P-5a / S-17 1'	Soil		X	12:40	1	40ml VOA		8021B	No	No
154708	P-5a / S-18 5'				12:45				8021B		
154709	P-5b / S-19 1'				1:10				8021B		
154710	P-5b / S-20 5'				1:15				8021B		
154711	P-5c / S-21 1'				1:18				8021B		
154712	P-5c / S-22 5'				1:20				8021B		
154713	P-5d / S-23 1'				1:25				8021B		
154714	P-5d / S-24 5'				1:30				8021B		
154715	P-5e / S-25 1'				1:31				8021B		
154716	P-5e / S-26 5'				1:35				8021B		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
[signature]	5-10-00	[signature]	5/10/00 5:32pm		

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	
31	Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn										
32	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)					33					
34	Other										

(White, Yellow, Pink Copy - Laboratory / Goldenrod Copy - Client)

38298

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn / Sun Bowl Sale

Reporting Address: Watershed Environmental Services, Inc
P.O. Box 64947 Burlington, VT 05406

Billing Address: Watershed

Endyne Order ID: 7281 (Lab Use Only) — 2-O, -I, -S

Company: Watershed

Contact Name/Phone #: Mike Sparks 860-1964

Sampler Name: Mike Sparks

Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154717	P-4a / S-1 1'	Soil		X	11:00	1	4 oz glass		8021B	No	No
154718	P-4a / S-2 5'				11:05				8021B		
154719	P-1a / S-3 1'				11:10				8260		
154720	P-1a / S-4 5'				11:15				8260		
154721	P-1b / S-5 1'				11:20				8260		
154722	P-1b / S-6 5'				11:25				8260		
154723	P-1c / S-7 1'				11:50				8260		
154724	P-1c / S-8 5'				11:55				8260		
154725	P-1d / S-9 1'				12:00				8260		
154726	P-1d / S-10 5'				12:05				8260		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
		[signature]	5/10/00 5:31pm		

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	

31 Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn

32 TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides) 33

34 Other

(White, Yellow, Pink Copy - Laboratory / Goldenrod Copy - Client)

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

Watershed Env. Srvs., Inc.
PO Box 64947
Burlington, VT 05406
Attn: Mike Sparks

PROJECT: Stratton Mtn/Sun Bowl
ORDER ID: 7281
RECEIVE DATE: May 10, 2000
REPORT DATE: May 23, 2000

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1a/S-3
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154719
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:10 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry	Parameter	Result ug/kg, dry
Benzene	< 10.0	1,1-Dichloropropene	< 10.0
Bromobenzene	< 10.0	cis-1,3-Dichloropropene	< 10.0
Bromochloromethane	< 20.0	trans-1,3-Dichloropropene	< 10.0
Bromodichloromethane	< 10.0	Ethylbenzene	< 10.0
Bromoform	< 10.0	Hexachlorobutadiene	< 50.0
Bromomethane	< 50.0	Isopropylbenzene	< 10.0
n-Butylbenzene	< 10.0	p-Isopropyltoluene	< 10.0
sec-Butylbenzene	< 10.0	Methylene Chloride	< 50.0
tert-Butylbenzene	< 10.0	MTBE	< 20.0
Carbon Tetrachloride	< 10.0	Naphthalene	< 50.0
Chlorobenzene	< 10.0	n-Propylbenzene	< 10.0
Chloroethane	< 50.0	Styrene	< 10.0
Chloroform	< 10.0	1,1,1,2-Tetrachloroethane	< 20.0
Chloromethane	< 100.	1,1,2,2-Tetrachloroethane	< 20.0
4-Chlorotoluene	< 10.0	Tetrachloroethene	< 10.0
2-Chlorotoluene	< 10.0	Toluene	< 10.0
Dibromochloromethane	< 10.0	1,2,3-Trichlorobenzene	< 20.0
1,2-Dibromo-3-Chloropropane	< 20.0	1,2,4-Trichlorobenzene	< 20.0
1,2-Dibromoethane	< 20.0	1,1,1-Trichloroethane	< 10.0
Dibromomethane	< 20.0	1,1,2-Trichloroethane	< 10.0
1,2-Dichlorobenzene	< 10.0	Trichloroethene	< 10.0
1,3-Dichlorobenzene	< 10.0	Trichlorofluoromethane	< 20.0
1,4-Dichlorobenzene	< 10.0	1,2,3-Trichloropropane	< 20.0
Dichlorodifluoromethane	< 100.	1,2,4-Trimethylbenzene	< 10.0
1,1-Dichloroethane	< 10.0	1,3,5-Trimethylbenzene	< 10.0
1,2-Dichloroethane	< 10.0	Vinyl Chloride	< 20.0
1,1-Dichloroethene	< 10.0	Xylenes, Total	< 20.0
cis-1,2-Dichloroethene	< 10.0	Surrogate 1	102.%
trans-1,2-Dichloroethene	< 10.0	Surrogate 2	101.%
1,2-Dichloropropane	< 10.0	Surrogate 3	97.%
1,3-Dichloropropane	< 10.0	UIP's	0.
2,2-Dichloropropane	< 10.0	Percent Solids	84.

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1a/S-4
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154720
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:15 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry
Benzene	< 10.0
Bromobenzene	< 10.0
Bromochloromethane	< 20.0
Bromodichloromethane	< 10.0
Bromoform	< 10.0
Bromomethane	< 50.0
n-Butylbenzene	< 10.0
sec-Butylbenzene	< 10.0
tert-Butylbenzene	< 10.0
Carbon Tetrachloride	< 10.0
Chlorobenzene	< 10.0
Chloroethane	< 50.0
Chloroform	< 10.0
Chloromethane	< 100.
4-Chlorotoluene	< 10.0
2-Chlorotoluene	< 10.0
Dibromochloromethane	< 10.0
1,2-Dibromo-3-Chloropropane	< 20.0
1,2-Dibromoethane	< 20.0
Dibromomethane	< 20.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0
Dichlorodifluoromethane	< 100.
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	< 10.0
trans-1,2-Dichloroethene	< 10.0
1,2-Dichloropropane	< 10.0
1,3-Dichloropropane	< 10.0
2,2-Dichloropropane	< 10.0

Parameter	Result ug/kg, dry
1,1-Dichloropropene	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
Ethylbenzene	< 10.0
Hexachlorobutadiene	< 50.0
Isopropylbenzene	< 10.0
p-Isopropyltoluene	< 10.0
Methylene Chloride	< 50.0
MTBE	< 20.0
Naphthalene	< 50.0
n-Propylbenzene	< 10.0
Styrene	< 10.0
1,1,1,2-Tetrachloroethane	< 20.0
1,1,2,2-Tetrachloroethane	< 20.0
Tetrachloroethene	< 10.0
Toluene	< 10.0
1,2,3-Trichlorobenzene	< 20.0
1,2,4-Trichlorobenzene	< 20.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	< 10.0
Trichlorofluoromethane	< 20.0
1,2,3-Trichloropropane	< 20.0
1,2,4-Trimethylbenzene	< 10.0
1,3,5-Trimethylbenzene	< 10.0
Vinyl Chloride	< 20.0
Xylenes, Total	< 20.0
Surrogate 1	108.%
Surrogate 2	100.%
Surrogate 3	95.%
UIP's	0.
Percent Solids	82.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1b/S-5
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154721
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:20 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry
Benzene	< 10.0
Bromobenzene	< 10.0
Bromochloromethane	< 20.0
Bromodichloromethane	< 10.0
Bromoform	< 10.0
Bromomethane	< 50.0
n-Butylbenzene	< 10.0
sec-Butylbenzene	< 10.0
tert-Butylbenzene	< 10.0
Carbon Tetrachloride	< 10.0
Chlorobenzene	< 10.0
Chloroethane	< 50.0
Chloroform	< 10.0
Chloromethane	< 100.
2-Chlorotoluene	< 10.0
4-Chlorotoluene	< 10.0
Dibromochloromethane	< 10.0
1,2-Dibromo-3-Chloropropane	< 20.0
1,2-Dibromoethane	< 20.0
Dibromomethane	< 20.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0
Dichlorodifluoromethane	< 100.
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	< 10.0
trans-1,2-Dichloroethene	< 10.0
1,2-Dichloropropane	< 10.0
1,3-Dichloropropane	< 10.0
2,2-Dichloropropane	< 10.0

Parameter	Result ug/kg, dry
1,1-Dichloropropene	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
Ethylbenzene	< 10.0
Hexachlorobutadiene	< 50.0
Isopropylbenzene	< 10.0
p-Isopropyltoluene	< 10.0
Methylene Chloride	< 50.0
MTBE	< 20.0
Naphthalene	< 50.0
n-Propylbenzene	< 10.0
Styrene	< 10.0
1,1,1,2-Tetrachloroethane	< 20.0
1,1,2,2-Tetrachloroethane	< 20.0
Tetrachloroethene	< 10.0
Toluene	< 10.0
1,2,3-Trichlorobenzene	< 20.0
1,2,4-Trichlorobenzene	< 20.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	< 10.0
Trichlorofluoromethane	< 20.0
1,2,3-Trichloropropane	< 20.0
1,2,4-Trimethylbenzene	< 10.0
1,3,5-Trimethylbenzene	< 10.0
Vinyl Chloride	< 20.0
Xylenes, Total	< 20.0
Surrogate 1	103.%
Surrogate 2	102.%
Surrogate 3	99.%
UIP's	0.
Percent Solids	81.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1b/S-6
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154722
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:25 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry	Parameter	Result ug/kg, dry
Benzene	< 10.0	1,1-Dichloropropene	< 10.0
Bromobenzene	< 10.0	cis-1,3-Dichloropropene	< 10.0
Bromochloromethane	< 20.0	trans-1,3-Dichloropropene	< 10.0
Bromodichloromethane	< 10.0	Ethylbenzene	< 10.0
Bromoform	< 10.0	Hexachlorobutadiene	< 50.0
Bromomethane	< 50.0	Isopropylbenzene	< 10.0
n-Butylbenzene	< 10.0	p-Isopropyltoluene	< 10.0
sec-Butylbenzene	< 10.0	Methylene Chloride	< 50.0
tert-Butylbenzene	< 10.0	MTBE	< 20.0
Carbon Tetrachloride	< 10.0	Naphthalene	< 50.0
Chlorobenzene	< 10.0	n-Propylbenzene	< 10.0
Chloroethane	< 50.0	Styrene	< 10.0
Chloroform	< 10.0	1,1,1,2-Tetrachloroethane	< 20.0
Chloromethane	< 100.	1,1,2,2-Tetrachloroethane	< 20.0
4-Chlorotoluene	< 10.0	Tetrachloroethene	< 10.0
2-Chlorotoluene	< 10.0	Toluene	< 10.0
Dibromochloromethane	< 10.0	1,2,3-Trichlorobenzene	< 20.0
1,2-Dibromo-3-Chloropropane	< 20.0	1,2,4-Trichlorobenzene	< 20.0
1,2-Dibromoethane	< 20.0	1,1,1-Trichloroethane	< 10.0
Dibromomethane	< 20.0	1,1,2-Trichloroethane	< 10.0
1,2-Dichlorobenzene	< 10.0	Trichloroethene	< 10.0
1,3-Dichlorobenzene	< 10.0	Trichlorofluoromethane	< 20.0
1,4-Dichlorobenzene	< 10.0	1,2,3-Trichloropropane	< 20.0
Dichlorodifluoromethane	< 100.	1,2,4-Trimethylbenzene	< 10.0
1,1-Dichloroethane	< 10.0	1,3,5-Trimethylbenzene	< 10.0
1,2-Dichloroethane	< 10.0	Vinyl Chloride	< 20.0
1,1-Dichloroethene	< 10.0	Xylenes, Total	< 20.0
cis-1,2-Dichloroethene	< 10.0	Surrogate 1	113.%
trans-1,2-Dichloroethene	< 10.0	Surrogate 2	102.%
1,2-Dichloropropane	< 10.0	Surrogate 3	99.%
1,3-Dichloropropane	< 10.0	UIP's	> 10.
2,2-Dichloropropane	< 10.0	Percent Solids	80.

ENDYNE, INC.

Laboratory Services

160 James Brown Drive
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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1c/S-7
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 22, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154723
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:50 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry
Benzene	< 10.0
Bromobenzene	< 10.0
Bromochloromethane	< 20.0
Bromodichloromethane	< 10.0
Bromoform	< 10.0
Bromomethane	< 50.0
n-Butylbenzene	< 10.0
sec-Butylbenzene	< 10.0
tert-Butylbenzene	< 10.0
Carbon Tetrachloride	< 10.0
Chlorobenzene	< 10.0
Chloroethane	< 50.0
Chloroform	< 10.0
Chloromethane	< 100.
4-Chlorotoluene	< 10.0
2-Chlorotoluene	< 10.0
Dibromochloromethane	< 10.0
1,2-Dibromo-3-Chloropropane	< 20.0
1,2-Dibromoethane	< 20.0
Dibromomethane	< 20.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0
Dichlorodifluoromethane	< 100.
1,1-Dichloroethane	< 10 0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	< 10.0
trans-1,2-Dichloroethene	< 10.0
1,2-Dichloropropane	< 10.0
1,3-Dichloropropane	< 10.0
2,2-Dichloropropane	< 10.0

Parameter	Result ug/kg, dry
1,1-Dichloropropene	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
Ethylbenzene	< 10.0
Hexachlorobutadiene	< 50.0
Isopropylbenzene	< 10.0
p-Isopropyltoluene	< 10.0
Methylene Chloride	< 50.0
MTBE	< 20.0
Naphthalene	< 50.0
n-Propylbenzene	< 10.0
Styrene	< 10.0
1,1,1,2-Tetrachloroethane	< 20.0
1,1,2,2-Tetrachloroethane	< 20.0
Tetrachloroethene	< 10.0
Toluene	< 10.0
1,2,3-Trichlorobenzene	< 20.0
1,2,4-Trichlorobenzene	< 20.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	< 10.0
Trichlorofluoromethane	< 20.0
1,2,3-Trichloropropane	< 20.0
1,2,4-Trimethylbenzene	< 10.0
1,3,5-Trimethylbenzene	< 10.0
Vinyl Chloride	< 20.0
Xylenes, Total	< 20.0
Surrogate 1	98.%
Surrogate 2	99.%
Surrogate 3	96.%
UIP's	0.
Percent Solids	85.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1c/S-8
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154724
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 11:55 AM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry	Parameter	Result ug/kg, dry
Benzene	< 10.0	1,1-Dichloropropene	< 10.0
Bromobenzene	< 10.0	cis-1,3-Dichloropropene	< 10.0
Bromochloromethane	< 20.0	trans-1,3-Dichloropropene	< 10.0
Bromodichloromethane	< 10.0	Ethylbenzene	< 10.0
Bromoform	< 10.0	Hexachlorobutadiene	< 50.0
Bromomethane	< 50.0	Isopropylbenzene	< 10.0
n-Butylbenzene	< 10.0	p-Isopropyltoluene	< 10.0
sec-Butylbenzene	< 10.0	Methylene Chloride	< 50.0
tert-Butylbenzene	< 10.0	MTBE	< 20.0
Carbon Tetrachloride	< 10.0	Naphthalene	< 50.0
Chlorobenzene	< 10.0	n-Propylbenzene	< 10.0
Chloroethane	< 50.0	Styrene	< 10.0
Chloroform	< 10.0	1,1,1,2-Tetrachloroethane	< 20.0
Chloromethane	< 100.	1,1,2,2-Tetrachloroethane	< 20.0
2-Chlorotoluene	< 10.0	Tetrachloroethene	< 10.0
4-Chlorotoluene	< 10.0	Toluene	< 10.0
Dibromochloromethane	< 10.0	1,2,3-Trichlorobenzene	< 20.0
1,2-Dibromo-3-Chloropropane	< 20.0	1,2,4-Trichlorobenzene	< 20.0
1,2-Dibromoethane	< 20.0	1,1,1-Trichloroethane	< 10.0
Dibromomethane	< 20.0	1,1,2-Trichloroethane	< 10.0
1,2-Dichlorobenzene	< 10.0	Trichloroethene	< 10.0
1,3-Dichlorobenzene	< 10.0	Trichlorofluoromethane	< 20.0
1,4-Dichlorobenzene	< 10.0	1,2,3-Trichloropropane	< 20.0
Dichlorodifluoromethane	< 100.	1,2,4-Trimethylbenzene	< 10.0
1,1-Dichloroethane	< 10.0	1,3,5-Trimethylbenzene	< 10.0
1,2-Dichloroethane	< 10.0	Vinyl Chloride	< 20.0
1,1-Dichloroethene	< 10.0	Xylenes, Total	< 20.0
cis-1,2-Dichloroethene	< 10.0	Surrogate 1	109.%
trans-1,2-Dichloroethene	< 10.0	Surrogate 2	98.%
1,2-Dichloropropane	< 10.0	Surrogate 3	97.%
1,3-Dichloropropane	< 10.0	UIP's	> 10.
2,2-Dichloropropane	< 10.0	Percent Solids	84.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1d/S-9
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154725
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 12:00 PM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry	Parameter	Result ug/kg, dry
Benzene	< 10.0	1,1-Dichloropropene	< 10.0
Bromobenzene	< 10.0	cis-1,3-Dichloropropene	< 10.0
Bromochloromethane	< 20.0	trans-1,3-Dichloropropene	< 10.0
Bromodichloromethane	< 10.0	Ethylbenzene	< 10.0
Bromoform	< 20.0	Hexachlorobutadiene	< 50.0
Bromomethane	< 50.0	Isopropylbenzene	< 10.0
n-Butylbenzene	< 10.0	p-Isopropyltoluene	< 10.0
sec-Butylbenzene	< 10.0	Methylene Chloride	< 50.0
tert-Butylbenzene	< 10.0	MTBE	< 20.0
Carbon Tetrachloride	< 10.0	Naphthalene	< 50.0
Chlorobenzene	< 10.0	n-Propylbenzene	< 10.0
Chloroethane	< 50.0	Styrene	< 10.0
Chloroform	< 10.0	1,1,1,2-Tetrachloroethane	< 20.0
Chloromethane	< 100.	1,1,2,2-Tetrachloroethane	< 20.0
2-Chlorotoluene	< 10.0	Tetrachloroethene	< 10.0
4-Chlorotoluene	< 10.0	Toluene	< 10.0
Dibromochloromethane	< 10.0	1,2,3-Trichlorobenzene	< 20.0
1,2-Dibromo-3-Chloropropane	< 20.0	1,2,4-Trichlorobenzene	< 20.0
1,2-Dibromoethane	< 20.0	1,1,1-Trichloroethane	< 10.0
Dibromomethane	< 20.0	1,1,2-Trichloroethane	< 10.0
1,2-Dichlorobenzene	< 10.0	Trichloroethene	< 10.0
1,3-Dichlorobenzene	< 10.0	Trichlorofluoromethane	< 20.0
1,4-Dichlorobenzene	< 10.0	1,2,3-Trichloropropane	< 20.0
Dichlorodifluoromethane	< 100.	1,2,4-Trimethylbenzene	< 10.0
1,1-Dichloroethane	< 10.0	1,3,5-Trimethylbenzene	< 10.0
1,2-Dichloroethane	< 10.0	Vinyl Chloride	< 20.0
1,1-Dichloroethene	< 10.0	Xylenes, Total	< 20.0
cis-1,2-Dichloroethene	< 10.0	Surrogate 1	111.%
trans-1,2-Dichloroethene	< 10.0	Surrogate 2	102.%
1,2-Dichloropropane	< 10.0	Surrogate 3	97.%
1,3-Dichloropropane	< 10.0	UIP's	> 10.
2,2-Dichloropropane	< 10.0	Percent Solids	84.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

SW 8260

CLIENT: Watershed Env. Srvs., Inc.
PROJECT: Stratton Mtn/Sun Bowl
SITE: P-1d/S-10
DATE RECEIVED: May 10, 2000
REPORT DATE: May 23, 2000
ANALYSIS DATE: May 19, 2000

ORDER ID: 7281
REFERENCE NUMBER: 154726
DATE SAMPLED: May 9, 2000
TIME SAMPLED: 12:05 PM
SAMPLER: MS
ANALYST: 725

Parameter	Result ug/kg, dry	Parameter	Result ug/kg, dry
Benzene	< 10.0	1,1-Dichloropropene	< 10.0
Bromobenzene	< 10.0	cis-1,3-Dichloropropene	< 10.0
Bromochloromethane	< 20.0	trans-1,3-Dichloropropene	< 10.0
Bromodichloromethane	< 10.0	Ethylbenzene	< 10.0
Bromoform	< 10.0	Hexachlorobutadiene	< 50.0
Bromomethane	< 50.0	Isopropylbenzene	< 10.0
n-Butylbenzene	< 10.0	p-Isopropyltoluene	< 10.0
sec-Butylbenzene	< 10.0	Methylene Chloride	< 50.0
tert-Butylbenzene	< 10.0	MTBE	< 20.0
Carbon Tetrachloride	< 10.0	Naphthalene	< 50.0
Chlorobenzene	< 10.0	n-Propylbenzene	< 10.0
Chloroethane	< 50.0	Styrene	< 10.0
Chloroform	< 10.0	1,1,1,2-Tetrachloroethane	< 20.0
Chloromethane	< 100.	1,1,2,2-Tetrachloroethane	< 20.0
2-Chlorotoluene	< 10.0	Tetrachloroethene	< 10.0
4-Chlorotoluene	< 10.0	Toluene	< 10.0
Dibromochloromethane	< 10.0	1,2,3-Trichlorobenzene	< 20.0
1,2-Dibromo-3-Chloropropane	< 20.0	1,2,4-Trichlorobenzene	< 20.0
1,2-Dibromoethane	< 20.0	1,1,1-Trichloroethane	< 10.0
Dibromomethane	< 20.0	1,1,2-Trichloroethane	< 10.0
1,2-Dichlorobenzene	< 10.0	Trichloroethene	< 10.0
1,3-Dichlorobenzene	< 10.0	Trichlorofluoromethane	< 20.0
1,4-Dichlorobenzene	< 10.0	1,2,3-Trichloropropane	< 20.0
Dichlorodifluoromethane	< 100.	1,2,4-Trimethylbenzene	< 10.0
1,1-Dichloroethane	< 10.0	1,3,5-Trimethylbenzene	< 10.0
1,2-Dichloroethane	< 10.0	Vinyl Chloride	< 20.0
1,1-Dichloroethene	< 10.0	Xylenes, Total	< 20.0
cis-1,2-Dichloroethene	< 10.0	Surrogate 1	107.%
trans-1,2-Dichloroethene	< 10.0	Surrogate 2	102.%
1,2-Dichloropropane	< 10.0	Surrogate 3	98.%
1,3-Dichloropropane	< 10.0	UIP's	> 10.
2,2-Dichloropropane	< 10.0	Percent Solids	85.

38294

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
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CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn/Sun Bowl Soil

Reporting Address: Watershed Environmental Services, Inc P.O. Box 64947 Burlington, VT 05406

Billing Address: Watershed

Endyne Order ID: (Lab Use Only) 7281 -O -I -S

Company: Watershed

Contact Name/Phone #: Mike Sparks 860-1964

Sampler Name: Mike Sparks

Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154697	P-2a / S-11 1'	Soil		X	12:06	1	4 oz glass		8021B	No	No
154698	P-2a / S-12 5'				12:10				8021B		
154699	P-2b / S-13 1'				12:15				8021B		
154700	P-2b / S-14 5'				12:20				8021B		
154701	P-2c / S-15 1'				12:25	1	40ml VOA		8021B		
154702	P-2c / S-16 5'				12:30				8021B		
154703	P-3a / S-27 1'				1:50				8021B		
154704	P-3a / S-28 5'				1:55				8021B		
154705	P-3b / S-29 1'				2:00				8021B		
154706	P-3b / S-30 5'				2:05				8021B		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
[signature]	5-10-00	[signature]	5/10/00 5:30pm		

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	
31	Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn										
32	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)					33					
34	Other										

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38322

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn | Sun Bowl Soil

Reporting Address: Watershed Environmental Services Inc P.O. Box 64947 Burlington, VT 05406

Billing Address: Watershed

Endyne Order ID: (Lab Use Only) 7281 — Z-O, -I, -S

Company: Watershed

Contact Name/Phone #: Mike Sparks 860-1964

Sampler Name: Mike Sparks

Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154707	P-5a / S-17 1'	Soil		X	12:40	1	40ml VOA		8021B	No	No
154708	P-5a / S-18 5'				12:45				8021B		
154709	P-5b / S-19 1'				1:10				8021B		
154710	P-5b / S-20 5'				1:15				8021B		
154711	P-5c / S-21 1'				1:18				8021B		
154712	P-5c / S-22 5'				1:20				8021B		
154713	P-5d / S-23 1'				1:25				8021B		
154714	P-5d / S-24 5'				1:30				8021B		
154715	P-5e / S-25 1'				1:31				8021B		
154716	P-5e / S-26 5'				1:35				8021B		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
[signature]	5-10-00	[signature]	5/10/00 5:32pm		

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	

31 Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn

32 TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides) 33

34 Other

(White, Yellow, Pink Copy - Laboratory / Goldenrod Copy - Client)

38298

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Project Name: Stratton Mtn / Sun Bowl Sals

Reporting Address: Watershed Environmental Services, Inc P.O. Box 64947 Burlington, VT 05406

Billing Address: Watershed

Endyne Order ID: (Lab Use Only) 7281

-O
-I
-S

Company: Watershed

Contact Name/Phone #: Mike Sparks 860-1964

Sampler Name: Mike Sparks

Phone #: 860-1964

Ref # (Lab Use Only)	Sample Identification	Matrix	GRAB	COMP	Date/Time 5-9-00	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
154717	P-4a / S-1 1'	Soil		X	11:00	1	4 oz glass		8021B	No	No
154718	P-4a / S-2 5'				11:05				8021B		
154719	P-1a / S-3 1'				11:10				8260		
154720	P-1a / S-4 5'				11:15				8260		
154721	P-1b / S-5 1'				11:20				8260		
154722	P-1b / S-6 5'				11:25				8260		
154723	P-1c / S-7 1'				11:50				8260		
154724	P-1c / S-8 5'				11:55				8260		
154725	P-1d / S-9 1'				12:00				8260		
154726	P-1d / S-10 5'				12:05				8260		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
		[signature]	5/10/00 5:30pm	[signature]	

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	PP13 Metals
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	RCRA8 Metals
4	Nitrite N	9	BOD	14	Turbidity	19	8021B	24	8260/8260B	29	
5	Nitrate N	10	Alkalinity	15	Conductivity	20	8010/8020	25	8270 B/N or Acid	30	
31	Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sr, Ti, Tl, V, Zn										
32	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)					33					
34	Other										

(White, Yellow, Pink Copy - Laboratory / Goldenrod Copy - Client)