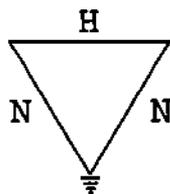


MAY 02 1996



Nelson, Heindel, and Noyes

- Consulting Hydrogeologists
- Engineers
- Environmental Scientists

P.O. Box 64709 Burlington, Vermont 05406-4709

802-658-0820

FAX: 802-860-1014

May 1, 1996

Mr. Jason Feingold
Sites Management Section
Agency of Natural Resources
103 South Main Street / West Office
Waterbury, VT 05671-0404

RE: Sisters of Mercy
100 Mansfield Avenue
Burlington, Vermont

Dear Mr. Feingold:

In response to the March 15, 1996 request by the Sites Management Section, Nelson, Heindel, and Noyes (NH&N) collected an additional round of groundwater samples from the existing monitoring wells at the Sisters of Mercy site in Burlington (see Site Location Map, page 1 of Attachment). The monitoring event occurred on April 9, 1996. All work was completed in accordance with the March 15, 1996 work plan approved by the Sites Management Section.

The results of the monitoring event are described in the following paragraphs. Supporting documentation is appended in the Attachment.

Historical Perspective

In the 1960s, the Sisters of Mercy facility employed a 1,000-gallon underground storage tank (UST) to store No. 2 fuel oil. The presence of contamination in an adjacent root cellar northeast of the tank location lead to suspicion that the UST had leaked. The UST was removed, and a replacement tank was installed in circa 1970. The facility heating system was converted to propane around the time of the new tank installation date. The new, unused UST was removed in the early 1980s.

NH&N conducted a subsurface investigation to determine the nature and extent of contamination associated with the former underground storage tank in January 1996. Five monitoring wells were installed. PID soil screening results revealed the presence of volatile organic compound (VOC) concentrations in excess of 20 parts per million (ppm) in borings for MW-3 and MW-5.

Groundwater samples were analyzed by EPA Method 602 and modified EPA Method 8100 for TPH. No EPA Method 602 compounds were detected in groundwater, but numerous non-target analytes were present; trace TPH levels also were observed in MW-4 and MW-5. No sensitive receptors were identified in the vicinity.

April 1996 Monitoring Event

As discussed previously, the five existing monitoring wells on the Sisters of Mercy property were sampled on April 9, 1996. The groundwater samples were submitted for laboratory characterization by EPA Method 602 and modified EPA Method 8100 (TPH). In addition, a complete round of water level measurements was recorded.

The groundwater analytical results for the April 1996 monitoring event are compiled in Table 1. Laboratory analytical reports are included in the Attachment (pages 3-14).

**Table 1
 Groundwater Analytical Results**

Location	Date	BTEX (ppb)	TPH (ppm)	Unidentified Peaks
MW-1	1-15-96	ND ¹	ND	>10
	4-09-96	ND	ND	0
MW-2	1-15-96	ND	ND	0
	4-09-96	ND	ND	0
MW-3	1-15-96	ND	ND	>10
	4-09-96	ND	ND	0
MW-4	1-15-96	ND	TBQ	>10
	4-09-96	TBQ ²	1.85	>10
MW-5	1-15-96	ND	TBQ	>10
	4-09-96	ND	ND	>10
Trip Blank	1-15-96	ND	ND	0
	4-09-96	ND	ND	0

¹ Not detected

² Trace below quantitation

As in the original sampling event, no quantifiable concentrations of EPA Method 602 target analytes were detected. Ethyl benzene was observed at trace levels (below quantitation limit) in MW-4. Numerous unidentified, non-target analytes were observed in MW-4 and MW-5. Despite the presence of the higher molecular weight unidentified compounds, a quantifiable concentration of total petroleum hydrocarbons was observed only in MW-4 (1.85 milligrams/liter). The groundwater analytical results are consistent with those obtained in the previous sampling event.

Contaminant concentrations and water table elevations are illustrated on the contaminant distribution map in the Attachment (page 2). The groundwater flow direction is north-northeast, with a horizontal gradient of 0.12 ft/ft.

Concentrations of VOCs, carbon dioxide, oxygen, and methane were measured in the monitoring wells during the sampling event. The field screening results are compiled below in Table 2.

Table 2
Monitoring Well Vapor Results

Location	Date	PID (ppm)	CO ₂ (%)	O ₂ (%)	CH ₄ (%)
Background	1-15-96	0.2	0.00	1	0.02
	4-09-96	0.2	0.02	20.9	0.02
MW-1	1-15-96	2.0	0.32	-	0.02
	4-09-96	0.2	0.51	20.5	0.02
MW-2	1-15-96	0.2	0.12	-	0.02
	4-09-96	0.3	0.93	20.0	0.02
MW-3	1-15-96	0.9	0.53	-	0.03
	4-09-96	0.4	1.13	19.9	0.02
MW-4	1-15-96	0.4	0.80	-	0.20
	4-09-96	0.2	0.69	20.4	0.02
MW-5	1-15-96	0.5	0.24	-	0.03
	4-09-96	0.3	0.80	20.3	0.02

¹ Not determined.

VOC concentrations in the monitoring well atmospheres ranged from 0.2 ppm to 0.4 ppm, and were virtually indistinguishable from background. These VOC values are slightly lower than the ones obtained in the previous sampling round. Conversely, CO₂ concentrations were higher in the April sampling event; the higher values most likely reflect an increase in biological activity in response to the warmer temperatures. The carbon dioxide concentrations ranged from 0.5% to 1.1%. Oxygen concentrations varied inversely with CO₂ levels. No methane concentrations above background were observed during the April sampling event.

The vapor monitoring results suggest there is a residual petroleum source in the soil and groundwater that is being consumed by the indigenous bacterial population; based on the observed CO₂ concentrations, this aerobic biological activity is most pronounced in MW-2, MW-3, and MW-5.

Conclusions and Recommendations

Residual No. 2 fuel oil contamination has been observed in the unsaturated soils at the Sisters of Mercy site. Analytical results for two sample rounds at the site reveal that BTEX concentrations remain consistently below detection. Similarly, TPH concentrations have been largely at or below detection limits. The numerous non-target analytes that are, or historically have been, present in four of the five monitoring wells reflect the residual fuel oil source. No groundwater enforcement standards have been

Mr. Jason Feingold
May 1, 1996
Page 4

violated on the property. Vapor monitoring results from the wells indicate aerobic biodegradation of the residual fuel source is occurring in the unsaturated zone.

Based on the evidence presented above and the absence of sensitive receptors, NH&N recommends that the Sisters of Mercy property receive a Site Management Activity Complete (SMAC) designation.

If you have questions or comments concerning this report or our analysis, please contact me or Jeff Noyes.

Sincerely,



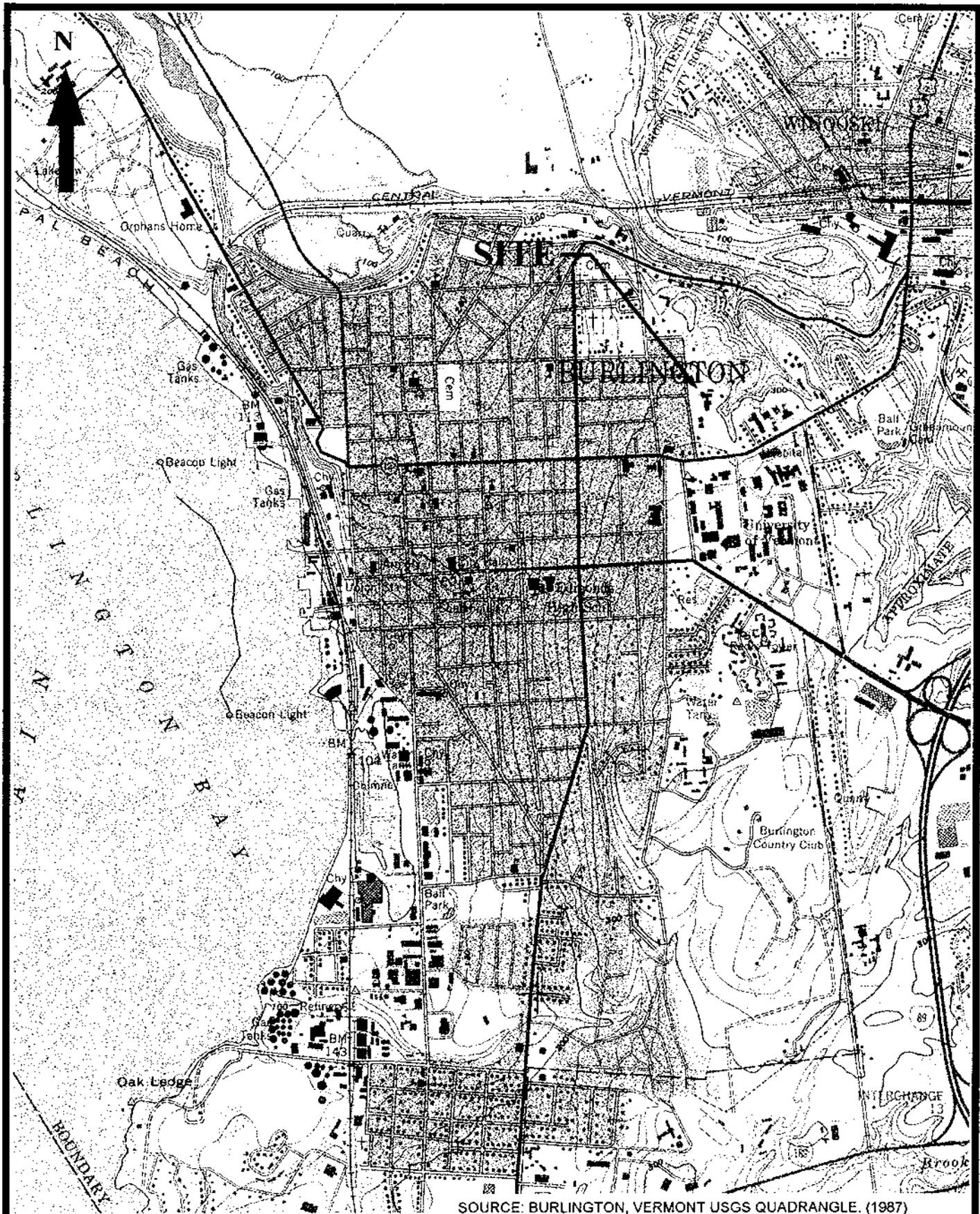
Jeffrey A. Silfer, Ph.D.
Project Manager

JAS/ew

Enclosure

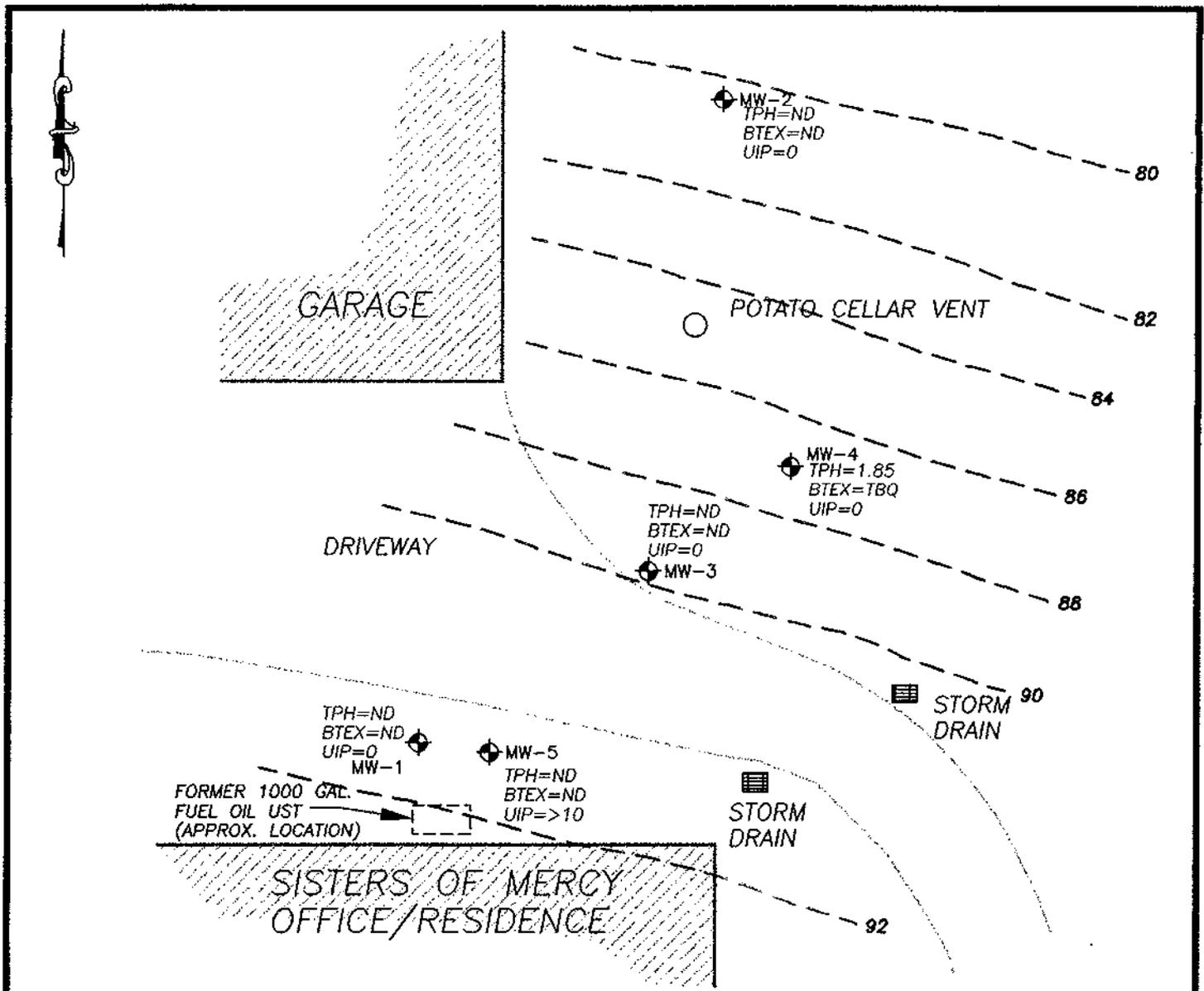
cc: Sister Mary Boiselle (Sisters of Mercy)

[U:\SILFER\WPDOCS\SISTERS.R1]



SOURCE: BURLINGTON, VERMONT USGS QUADRANGLE. (1987)

SISTERS OF MERCY PROPERTY		DATE: APRIL 24, 1996	
BURLINGTON,	VERMONT	PROJECT #: 95316	
SITE LOCATION MAP		DRAWN BY: M. Luman	
SCALE: 1"=2000'		PROJ. MGR: J. Silfer	
		APPROVED BY: J. Noyes	
FILE: C:WERCYSITEMAP		Nelson, Heindel, and Noyes • Hydrogeology • Ecology • • Environmental Engineering • CONSULTING SCIENTISTS AND ENGINEERS P.O. BOX 64709 BURLINGTON, VERMONT 05406-4709	
		Prepared By: Information & Visualization Services	

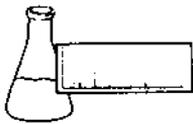


WELL #	T.O.P. ELEV.(FT)	B.T.O.P. (FT)	WATER TABLE ELEV.(FT)
MW-1	100.86	9.53	91.33
MW-2	90.36	9.72	80.64
MW-3	100.09	9.52	90.57
MW-4	96.96	9.92	87.04
MW-5	100.82	9.43	91.39

TPH (TOTAL PETROLEUM HYDROCARBON)
 UIP (UNIDENTIFIED PEAKS)
 BTEX (BENZENE, TOLUENE, ETHYLBENZENE, XYLENE)
 TBQ (TRACE BELOW QUANTITATION)

NOTE: SURVEYED BY K.A.D. & D.J.R. ON 1/22/96.

SISTERS OF MERCY		DATE: APRIL 24, 1996	 • Hydrogeology • Ecology • • Environmental Engineering • CONSULTING SCIENTISTS AND ENGINEERS P.O. BOX 64709 BURLINGTON, VERMONT 05406-4709
BURLINGTON, VERMONT		PROJECT NO. 95317	
GROUNDWATER & CONTAMINANT DISTRIBUTION MAP - 4/19/96		DRAWN BY: M. Luman	
		PROJ. MGR: J. Siffer	
		APPROVED: J. Noyes	
SCALE: 1"=20'	FILE: C:\MERCY\SITEPLAN	<input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> FINAL	Prepared By: Information & Visualization Services

**ENDYNE, INC.**

Laboratory Services

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

REPORT OF LABORATORY ANALYSIS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996

PROJECT CODE: HNSM1386
REF.#: 87,465 - 87,470

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Chain of custody indicated sample preservation with NaN_3 .

All samples were prepared and analyzed by requirements outlined in the referenced method and within the specified holding times. All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced method. Blank contamination was not observed at levels affecting the analytical results.

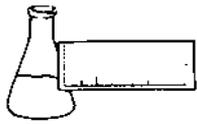
Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Individual sample performance was monitored by the addition of surrogate analytes to each sample. All surrogate recovery data was determined to be within laboratory QA/QC guidelines unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures



ENDYNE, INC.

Laboratory Services

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

LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,465
STATION: Trip
TIME SAMPLED: 10:00
SAMPLER: D. Reese

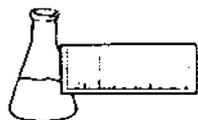
<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 95%

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

NOTES:

1 None detected



ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,470
STATION: MW1
TIME SAMPLED: 15:30
SAMPLER: D. Reese

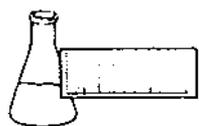
<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 92%

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

NOTES:

1 None detected



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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,466
STATION: MW2
TIME SAMPLED: 14:30
SAMPLER: D. Reese

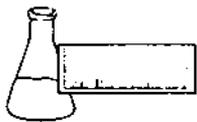
<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 97%

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

NOTES:

1 None detected



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Laboratory Services

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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,468
STATION: MW3
TIME SAMPLED: 15:10
SAMPLER: D. Reese

<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 90%

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

NOTES:

1 None detected

**Laboratory Services**

32 James Brown Drive
Williston, Vermont 05495
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LABORATORY REPORT**EPA METHOD 602--PURGEABLE AROMATICS**

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,467
STATION: MW4
TIME SAMPLED: 14:50
SAMPLER: D. Reese

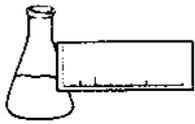
<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	TBQ ²
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 93%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:

- 1 None detected
- 2 Trace below quantitation limit



ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

EPA METHOD 602--PURGEABLE AROMATICS

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,469
STATION: MW5
TIME SAMPLED: 15:45
SAMPLER: D. Reese

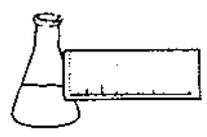
<u>Parameter</u>	<u>Detection Limit (ug/L)</u>	<u>Concentration (ug/L)</u>
Benzene	1	ND ¹
Chlorobenzene	1	ND
1,2-Dichlorobenzene	1	ND
1,3-Dichlorobenzene	1	ND
1,4-Dichlorobenzene	1	ND
Ethylbenzene	1	ND
Toluene	1	ND
Xylenes	1	ND
MTBE	10	ND

Bromobenzene Surrogate Recovery: 92%

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10

NOTES:

1 None detected



ENDYNE, INC.

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EPA METHOD 602 LABORATORY REPORT

MATRIX SPIKE AND DUPLICATE LABORATORY CONTROL DATA

CLIENT: Nelson, Heindel, and Noyes, Inc.
PROJECT NAME: Sisters of Mercy (S.O.M.)
REPORT DATE: April 18, 1996
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996
DATE ANALYZED: April 17, 1996

PROJECT CODE: HNSM1386
REF.#: 87,468
STATION: MW3
TIME SAMPLED: 15:10
SAMPLER: D. Reese

<u>Parameter</u>	<u>Sample(ug/L)</u>	<u>Spike(ug/L)</u>	<u>Dup1(ug/L)</u>	<u>Dup2(ug/L)</u>	<u>Avg % Rec</u>
Benzene	ND ¹	10	9.4	9.2	93%
Toluene	ND	10	9.4	9.4	94%
Ethylbenzene	ND	10	9.6	9.6	96%
Xylenes	ND	30	27.6	27.5	92%

NOTES:
1 None detected

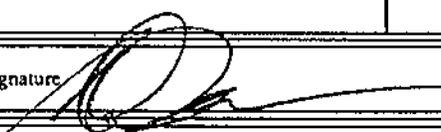
CHAIN-OF-CUSTODY RECORD

16508

87,465 → 87,475

Project Name: <u>SISTERS OF MERCY (S.O.M.)</u> Site Location: <u>BURLINGTON, VT</u>	Reporting Address:	Billing Address:
Endyne Project Number: <u>HNSM1386</u>	Company: <u>NHN</u> Contact Name/Phone #: <u>J. SILVER</u>	Sampler Name: <u>D. REESE</u> Phone #: <u>NHN</u>

Lab #	Sample Location	Matrix	G R A B	C O M P	Date/Time	Sample Containers		Field Results/Remarks	Analysis Required	Sample Preservation	Rush
						No.	Type/Size				
87,465	TRIP	WATER	X		4-9-96 1000	2	40ml		602	NAN/3	
87,466	MW2	↓	↓		1430	3	↓		602/PH 200	↓	
87,467	4	↓	↓		1450	↓	↓		↓	↓	
87,468	3	↓	↓		1510	↓	↓		↓	↓	
87,469	5	↓	↓		1545	↓	↓		↓	↓	
87,470	1	↓	↓		1530	↓	↓		↓	↓	

Relinquished by: Signature 	Received by: Signature <u>M. Chambers</u>	Date/Time <u>4-9-96</u>
Relinquished by: Signature	Received by: Signature	Date/Time

 New York State Project: Yes No
Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD ₅	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										



Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
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REPORT OF LABORATORY ANALYSIS

CLIENT: Nelson, Heindel & Noyes
PROJECT NAME: Sisters of Mercy
DATE REPORTED: April 18, 1996
DATE SAMPLED: April 9, 1996

PROJECT CODE: HNSM1387
REF. #: 87,471 - 87,475

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody record.

Chain of custody indicated sample preservation with Sodium Azide.

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.

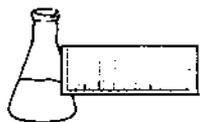
Analytical method precision and accuracy were monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Individual sample performance was monitored by the addition of surrogate analytes to each sample. All surrogate data was determined to be within Laboratory QA/QC guidelines unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures



ENDYNE, INC.

Laboratory Services

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

LABORATORY REPORT

TOTAL PETROLEUM HYDROCARBONS (TPH) BY MODIFIED EPA METHOD 8100

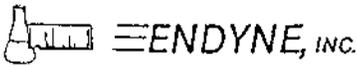
DATE: April 18, 1996
CLIENT: Nelson, Heindel & Noyes
PROJECT: Sisters of Mercy
PROJECT CODE: HNSM1387
COLLECTED BY: D. Reese
DATE SAMPLED: April 9, 1996
DATE RECEIVED: April 9, 1996

<u>Reference #</u>	<u>Sample ID</u>	<u>Concentration (mg/L)¹</u>
87,471	MW 2; 14:30	ND ²
87,472	MW 4; 14:50	1.85
87,473	MW 3; 15:10	ND
87,474	MW 5; 15:45	ND
87,475	MW 1; 15:30	ND

Notes:

- 1 Method detection limit is 1.0 mg/L.
- 2 None detected

14



32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY RECORD

16508

Project Name: <u>SISTERS OF MERCY (S.O.M.)</u>	Reporting Address:	Billing Address:
Site Location: <u>BURLINGTON, VT</u>		
Endyne Project Number: <u>HNSM 1387</u>	Company: <u>NAN</u>	Sampler Name: <u>D. REESE</u>
	Contact Name/Phone #: <u>J. SILVER</u>	Phone #: <u>NAN</u>

Lab #	Sample Location	Matrix	G R A B	C O M P	Date/Time	Sample Containers		Field Results/Remarks	Analysis Required	Sample Preservation	Rush
						No.	Type/Size				
	<u>TRIP</u>	<u>WATER</u>	<u>X</u>		<u>4-9-96</u>	<u>2</u>	<u>40ml</u>				
<u>87,471</u>	<u>MW2</u>	↓	↓		<u>1000</u>	<u>3</u>			<u>602</u>	<u>Med/3</u>	
<u>87,472</u>	<u>4</u>	↓	↓		<u>1430</u>				<u>602/TPH/SD</u>		
<u>87,473</u>	<u>3</u>	↓	↓		<u>1450</u>						
<u>87,474</u>	<u>5</u>	↓	↓		<u>1510</u>						
<u>87,475</u>	<u>1</u>	↓	↓		<u>1545</u>						
					<u>1530</u>						

Relinquished by: Signature	Received by: Signature <u>Tonia M. Chambers</u>	Date/Time <u>4-9-96</u>
Relinquished by: Signature	Received by: Signature	Date/Time

New York State Project: Yes No

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD ₅	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										